# AMERICAN RAILROAD JOURNAL.

LIABILION GAMBAHAH MAGMEMA

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#### American Railroad Journal

New York, Saturday, November 30, 1872.

#### The New Middle Line of Rail to the West

The Chesapeake and Ohio Company are already perfecting the connections of their main line, now drawing to completion, south-west of the Chic River, at Huntington, the western terminus of the main line. Mr. Huntington, the energetic Executive of the Company, the same who built the Central Pacific Railroad, has secured control of the Cincinnati and Louisville Short Line, and of the Lexington, Frankfort and Louisville Road, and is now rapidly building the connecting link between Huntington and Lexington, 125 miles, under the old Big Sandy, Mount Sterling, and Lexington surveys. Of this link 33 miles are already opened to traffic and by an early day the entire route will be an accomplished fact from tide-water at Richmond and from the Potomac at Washington, to Louisville, Kentucky. The Cincinnati and Louisville Short line, now controlled by Mr. Huntington, extends not only to, but through the City of Louisville, to a point three miles southwest of the city, where connection is made with the Louisville, Nashville, and Memphis Road. Another connection south will be practicable in Another connection south will be practicable in the condemned stock was the true basis of com- the adoption of which a large increase of trade, the course of a year or eighteen months, by the pensation to the holders thereof. The counsel will, it is supposed, be the result.—X. Y. Times.

R. as an independent line, from Elizabethtown to Louisville. The connections of the Chesapeake and Ohio with the St. Louis Roads from Louisville, will also be perfected by the time the route is made continuous to Louisville, so as to establish another through line between St. Louis, Louisville and Cincinnati at the west and Richmond and Washington at the east.

Atlantic, Mississippt and Ohio Railroad The action brought by Mr. J. E. Tyson, of Baltimore, against the Atlantic, Mississippi and Ohio railroad, in the Circuit Court at Lynchburg, Virginia, has been finally concluded by a judgment adverse to the plaintiff in all points of the bill. The case involved the legality of the consolidation of the several roads forming the Atlantic, Mississippi and Ohio road, under the presidency of Gen. Mahone. The Lynchburg Virginian, reviewing the case, says:

It will be remembered that an act was passed by the Legislature of Virginia at its last session entitled "An act to complete the organization of the Atlantic, Mississippi and Ohio Railroad Compary." This act recited that the former act of June 17th, 1870, contemplated the ultimate absorption of all the stock of the Virginia and Tennessee, Virginia and Kentucky, Southside, and Norfolk and Petersburg railroads into the new company, and stated that, while a large majority of the private stockholders in each of the four companies had merged their stock into the said new company, a few in each still refused to do so, and then provided for the appointment of a board of commissioners to value the stock or each of the outstanding stockholders, and pre-scribed that the board for the Virginia and Tennessee stockholders should report their valuation to the Circuit Court of Lynchburg for conformation. Said board was appointed, met, and valued the stock of Tyson and others, and made report to

Said report coming up now for confirmation, it was opposed on the ground that the act of the last session was unconstitutional, and that no power existed in the Legislature to condemn the tock of Tyson and others for the benefit of the Atlantic, Mississippi and Ohio Railroad Company. It was further opposed on the ground that the market value was not a fair basis of compensation for these outstanding stockholders. The court, however, overruled both objections, held that the however, overruled both objections, held that the act was constitutional, and the market value of the canal question and many reforms asked, by

extension of the Elizabethtown and Paducah R. for Tyson intimated their purpose to ask a super-

#### The Canals of New York.

In the aggregate, the canals of the State of New York are eight hundred and thirty-four miles in length. The Erie extends from Buffalo to Albany, three hundred and fifty miles; the Chenango, from Binghamton to Utica, ninety-seven miles; the Genesee Valley, from Olean to Rochester, ninetyfive miles; a branch of the same, from Conesus to Danville, twenty miles; Black River, from Rome to Carthage, including a distance of forty-two miles by river, seventy-seven miles; the Chemung, from Elmira to Montezuma, including a distance of thirty-five miles through Seneca Lake, eighty miles; the St. Paul's, a branch of the Erie, from Montezuma to Seneca Falls, thirty miles; and the Delaware and Hudson, from Honesdale, Penn., to a point on the Hudson River opposite Rhinebeck, about eighty-five miles of which are in the State of New-York. These, in the season, are navigated by nearly 7,000 different boats, or an average of eight boats to each mile of canal. Of these boats the largest have each a carrying capacity for 225 tons of assorted cargo, or 2,000 barrels of flour, or 9,000 bushels of grain. The smaller boats have a carrying capacity of 125 tons, in proportion as indicated above. The average cost for the construction of the boats used is, for the larger, \$5,-000, and for the smaller, about \$2,000. The average monthly cost of running, including tolls and towing, is about \$800 per boat, which, it will be seen, involves a very large capital for simply the running expenses of a season. The men nearly a!l complain of the manner in which the canals have been managed by the State authorities, and express the hope, earnestly, that the next Legislature will inaugurate a reform. They charge the great falling off in the canal trade upon the failure to keep the canals in proper order, and the heavy tolls, by which, they declare, a vast business which now seeks railway and other conveyances, has been driven awy. They are conveyances, has been driven away. They are anxious that "the West" should be induced to return to the canals with all its former work, and they insist upon it that a proper system of repairs and charges would secure a return and large additional profit to the State. Soon after the the adoption of which a large increase of trade,

Euphrates Valley Railway

We learn from the Levant Herald that the Turkish Grand Vizier has commissioned M. Pressel to undertake the survey of the ground for a line of railway to connect the Mediterranean sea with the Persian Gulf. It is to commence at Tripoli, on the Syrian coast, passing by way of Palmyra, and crossing the Euphrates, thence traversing Mesopotamia and the Tigris, and terminating at Bagdad, where it would meet the Persian Gulf line as originally planned. A preliminary step has already been taken in the despatch to Tripoli of two experienced engineers, one of whom took an active part in the pioneering work of the Roumelian line. The road will be 550 miles in length.

Chicago and Tomah Railroad.

The Chicago and Tomah Railroad Company has been formed with the view of building a railroad from Chicago, in the State of Illinois, to Tomab, Wisconsin. The line of the proposed road through the State of Wisconsin is as follows: Through Green, Lafayette, Iowa and Grant counties, crossing the Wisconsin river at the mouth of the Kickapoo, and following that stream northward, cross the ridge and intersect the Milwaukee and St. Paul Railroad at Tomah. It is to be a three feet or narrow gauge road. The bonded indebtedness of the road is limited by its charter to \$15,000 per mile of constructed road.

Louisville, Cincinnati and Lexington R. R. The earnings of this road for the years ending June 80, 1871 and 1872, were as follows:

1871.

1872.

		AUTA		1012.	
From	passengers	\$516,517	74	\$491,287	42
11	freight	414,439		485,472	
66	express	34,109	24	33,995	
46	mail	22,937	50	22,937	36
88	telegraph	1,221		1,072	90
48	miscellaneous	6,200		8,503	
		\$995,425	63	\$1,038,273	25
Ex	penses, viz:				
Cond	lucting transp	\$267,959	88	\$276,008	45
	ve power		95		
	tenance of way		45		
	tenance of cars	58,829			
Gene	ral expenses				
		\$740,741	68	\$802,473	85
Net e	earnings	\$254.683	05	\$235,799	40
Add	balance on hand J	uly 1, 18	71.	239,666	
	Total	• • • • • • • • • • • • • • • • • • • •		\$475,466	21
	sbursements, viz:				
	rest on bonds				
	dends on pref. stoc				
	rest on floating deb		91	06	
W	rest on Louisville R by Transfer Compa	ny			
	nds \$24,326				
Less	net earn'gs 9,821				
		- 15,0	04	63	

Balance to debit of General Account. \$444,414 49 The President, in his report dated September 1, 1872, says:

common stock ..... 493,840 12

Discount on 20,000 shares

The capitalization of the company has been increased by the sale of one million of additional common stock, and almost the entire proceeds thereof invested in construction sad equipment and added to the property value of the company. Substantial and commodious new machine and

cities and facilities of those departments, new locomotives, two new passenger and sixty-one freight-cars have been added to the equipment. senger and sixty-one Twenty-uine freight, four passenger, and two ex-press cars are in course of erection at the company's shops, and nearly completed. A number of old passenger-cars have been reconstructed on an improved model in the shops of the company, and the Westinghouse atmospheric brake attached to all the passenger equipment. Ample depot grounds have been purchased in Newport. hundred acres of land have been purchased near Newport for machine-shops, coal-yard, with elevator and stock-pens. Additional sidings have been laid, and permanent masonry and embankments have been substituted for trestle-work on the Cincinnati line.

The floating debt of the company has been essentially reduced by the sale of second mort-gage bonds at materially advanced rates. The improved condition and prospects of the company have so enhanced the credit of and demand for its securities, that much of the floating debt for which bonds were hy.pothecated has been paid in

advance of maturity.

The earnings compared with the previous year show an increase of \$43,847 62, or 4.23 per cent. notwithstanding the reduction in rates over the

preceding year.

The operating expenses have increased \$61,732 17, or 8.34 per cent., which is due to the increase in traffic mileage of 10.70 per cent. over that of last year, the enhanced cost of fuel for locomotives, removal of temporary trestling, payments on account of accidents, etc., and the purchase of

lease and fitting up new general ticket-office.

The cost per mile of the operating expenses has been reduced 1.83 cents per mile run over the previous year. It is more than probable the roads might have been operated with less train mileage and without a loss of business corresponding to the expenses saved; but the policy of operation, in which I fully concurred, has been to run a sufficient number of trains to meet all the connections at either end of the line, in order to build up and establish more promptly the great through business we are bound to command whenever there is business to be done. If the liberal scale of operation has failed to prove more remunerative than a more economic scale would, it has only been because the season has been extremely dull, with a less amount of travel and freight traffic to and from the South than has been known during any year since the war. Our roads have certainly done a very largely increased proportion of the business offered. The encouraging feature of our exhibit is that we are able to show an aggregate increase of nearly five per cent. in gross earnings, while all the roads around us, as far as I have been able to obtain information, have to accept a falling off.

Since the close of the fiscal year the months of July and August inaugurate the ensuing year with a handsome increase in both freight and passengers, giving further assurance of a sure and steady advance to a large and profitable business. The completion of the Lexington and Big Sandy Railroad to Mount Sterling, now being operated by this company, is giving a very considerable increase of traffic to the Lexington line, which will tell handsomely on the net results of another year, as the increased earnings it will afford occasions a very trifling increase of expenditures on the old It serves also to demonstrate the vast benefits which must be derived to this company and 919,880 70 to the commerce of this city from the further extension and completion of that line through to a connection with the Chesapeake and Ohio at the

Big Sandy or at Huntington.

We were compelled to submit to a still further postponement of the opening of the Cincinnati-Newport bridge than even the latest period prom ised you in my last annual report, and have only enjoyed the benefit of crossing it to immediate connections with northern roads in Cincinnati since the first day of April-only three months

water-carriage at very low rates; notwithstanding which our freight traffic has been very largely in-

Our connections of the Short-line are now fully completed at either end, the condition of our roadbeds steadily and vastly improved, the finances of the company in safe and easy condition, and we have reached a condition of readiness to begin to make money. That we shall be able to do so is as certain as that there shall be any people traveling or freights to carry.

Our next great object is to do what we can to put the Lexington line in the best possible condition for the great through traffic it will soon be called upon to perform. In order to do that we have about completed the purchase of the Shelby Railroad, and shall proceed at once with the work of extension beyond Shelbyville to make a shorter line to Lexington. The precise route of the cut-off has not been determined; but by either one of two routes already surveyed the distance between Louisville and Frankfort will be reduced thirteen and a half miles, with a material reduction also in grades and curvatures. When these connections shall be completed, and both the roads of this company become indispensable links in the two shortest and best lines north and east, the very large profits of their operation can not be doubted.

The receipts from all sources and payments during the year were as follows:

#### RECEIPTS. Transportation earnings .....\$1,038,273 25

۱	Sale of 77 Cincinnati Branch bonds.	77,000	00
١	Sale of 859 L . C. & L. R.R.Co. bonds	359,000	00
Ì	Sale of 20,000 shares common stock,	506.159	88
ı	Chesapeake & Ohio R.R. loan acc't,.	100,000	00
١	Decrease in cash on hand	109,493	63
١	Accounts for labor and material un-	,	
	paid	52,483	02
		2,242,409	78
1	PAYMENTS.		
1		\$802,478	95
	Operating expenses		
	Construction and equipment	466,215	
	Bills payable	423,823	90
Ì	Louisville and Frankfort R. R. Co.		
	bonds matured	28,000	00
	Change of gauge	78.172	46
	Interest on this company's bonds	256,238	80
	Interest on Louisville Railway Trans-		
	fer Co. bonds	15,004	63
	Dividends on stock	77,237	
		73,391	
	Interest on floating debt	21.852	
	Increase in supplies on hand	21,002	10
			_

\$2,242,409 78

The company have 31 locomotives, 9 twelvewheel and 10 eight-wheel passenger cars, 6 baggage, 6 express, 71 house freight, 137 house stock, 116 platform, 8 caboose, 1 pay, 1 wrecking, 6 boarding, 68 hand, 40 truck, and 23 road cars. Number of miles run by locomotives with passenger trains, 449,183; with freight trains, 292,309; distributing trains, 52,959; Louisville connection, 22,820; other roads, 18,721—total, 835,992; of which, 641,670 miles were run by coal burners at a cost per mile for fuel of 12.58 cents and for repairs 2.63 cents; and 194,822 miles by wood burners, at a cost per mile for fuel of 12.05 cents, and for repairs 3.78 cents. Av. cost per mile for fuel, 12.43 cents; and for repairs, 2.90 cents. Total cost per mile run, 25.81 cents. Total mileage of cars, 4,613,965. Number of passengers carried, 442,233; total mileage of passengers, 15,276,176. Av. number of miles traveled by each passenger, 84.54. Number of tons hauled 244,446; number of tons hauled one mile, 18,955,478; average distance each ton was hauled, 77.95 miles. Earncar-shops have been constructed and improved the river has maintained a fine navigable stage, distance each ton was hauled, 77.95 miles. Earn-machinery purchased, greatly increasing the capa-with a sharp and active competition for freight by sings per total revenue mile, 161.16 cents; expenses, do., 125.02 cents-net earnings do. 36.74 cents. Earnings per total engine mile, 130.89 cents; expenses, do., 101.01 cents. Proportion of operating expenses to earnings, 77.29 per cent.

GENERAL ACCOUNT, June 80, 1872. Cost of road and equipment .... \$7,684,998 17 Sundry assets: Stock in Turnpike Co. . \$5,000 CO Stock in Louisville Fair Ground Association ... 5.000 00 Real estate.... 62,290 10 Stock of supplies on hand 151,528 90 Cash on hand .... 78,938 35 302,757 35 Balance to debit of income account 444.414 49 \$8,432,170 01 Funded debt and capital stock: Lou. & Frank. R.R. Co. 6 p. ct. bonds \$54,000 00 Lou. & Frank. R. R. Co. 6 per cent. 25.000 00 bonds, due in 1874 ..... City of Louisville 6 per cent. bonds, due in 1881..... 100,000 00 Cincinnati Branch 7 per cent. bonds, due in 1897..... L., C. and L. R. R. Co. 8 per cent. 8,000,000 00 bonds, due in 1900 . . . . . . . . 1,000,000 00 \$4,179,000 00 State of Kentucky Perpetual Loan, at 6 per cent .... 74.519 50 Nine per cent. preferred stock .... 1,500,000 00 Common stock..... 2,623,482 82

Less unsold:

L., C. & L. R. R. Co. 8 per cent. bonds.....\$296,000 00 Nine p. ct. preferred at'k 649,000 00

945,000 00 \$7,432,002 32

Bills payable: Loans, etc.... 600,969 54

Unpaid accounts : Accounts for labor and material ..... \$222,405 96 Interest coupons ..... 112,371 15 Dividends on stock.... 48,737 60 Due other roads on ticket 19.591 26 

R. loan account .... 100,000 00 Due sundry parties .... 37,091 94

2540.197 91

Less due us from : Post Office Department .. \$5,734 38 Bills receiv'ble 2,300 08 Station agents, foreign offices, etc...39,177 40

Paymaster....50,423 97 Sundry parti's.43,363 93 140,999 76

899,198 15 \$8,432,170 01

President,-Nonvin Green.

Vice President .- JOSHUA F. SPEED.

Directors .- By the stockholders: Joshua F. Speed, J. Guthrie Coke, J. W. Kalfus, J. M. Monohan, J. B. Wilder, R. Ferguson, E. D. Sayre, M. C. Johnson, Jas. O. Harrison, Henry Bell. By the State of Kentucky: Littleton Cooke, E. D. Standiford.

Chief Engineer .- I. M. St. JOHN. Superintendent .- J. E. GIMPERLING. Secretary and Treasurer .- R. H. COURTNEY. Auditor and Purch. Agent .- WILLIAM MAHL

#### Boston and Providence Railroad.

The annual meeting of stockholders of this company was held in Boston on the 20th inst. The report of the Board of Directors was read by J. H. Clifford, President, showing the gross earnings of the road for the past year to be \$1,716,399 42, and the net income, notwithstanding many extraordinary outlays, \$465,346 83-more than \$30,000 over last year's income.

The road has transported during the year 540, 263 passengers, carried 203,168 tons of freight, and run 117 miles more than in the previous year. The company has erected depots at Pawtucket, Dodgeville, Boylston Station, Hyde Park and Heath street, Boston.

They have now in process of erection one at Camden street, Boston, Forest Hills and Attleboro, and are forwarding diligently the new principal passenger station in Boston. The Directors wish particularly to bear evidence to the fidelity of their employes in every department. Other proofs of the prosperity of the road are found in the report, which was received with satisfaction by the stockholders.

Mr. Clifford then spoke of the matter of the Stoughton Branch Railroad, the stock of which the Directors of the Providence Road had purchased, and it was voted that petitions be made to the Legislature for the merging of the two roads into one corporation.

Messrs, W. R. Lee, of Boston, and J. W. Smith, of Providence, were appointed a committee to sort and count votes for directors for the ensuing year. The committee reported the following as elected: Messrs, John H. Clifford, Geo. W. Hallett, T. P. I. Goddard, Wm. R. Robeson, Francis M. Weld, Joseph W. Balch, Henry A. Whitney. Forty-eight stockholders voted, representing 6,389 shares.

On motion of Mr. Isaac A. Anthony, the thanks of the stockholders were voted to the employes of the road for the faithful discharge of their duties.

Messrs. W. G. Russell, John A. Thomas and J. R. Smith were appointed an Auditing Committee for the ensuing year.

#### Richmond, Fredericksburg and Potomac Railroad.

The annual meeting of the stockholders of this company was held in Richmond on the 20th inst. The report of the president, John M. Robinson, alludes to the opening of the all rail night line on the 18th of July, the arrangements being made with the Alexandria, Fredericksburg and Baltimore and Potomac Company's line, and the cars have been regularly run by this line between Weldon and Baltimore. The board determined to continue connection with the day steamboat line on the Potomac, the favorite route to the passenger, affording rest to the traveler after a tedious ride.

So far the company has experienced but little advantage from their connection with the railroad companies north of Quantico beyond what they enjoyed in connection with the Potomac steamers; but in the future, when the Baltimore and Potomac Railroad shall have been extended into and through the city of Baltimore, it is believed that freight may be conveyed by the all-rail line at such rates as will produce a large and valuable wishes to spend a moment on the subject of coal

freight business not only between Richmond and Baltimore, but also in connection with roads to the south of Richmond. Such trade, it is believed, must eventually be obtained.

The report of general superintendent E. S. D. Myers, gives an encouraging exhibit of the affairs of the company, the income for the past fiscal year being \$851,919 29, expenses \$205,909 45, showing a net increase on the earnings of the year previous of \$23,666 90. Mr. John M. Robinson was unanimously re-elected president. H. A. Claiborne, Charles S. Mills, Elisha Chauncey and W. B. Myers were elected directors on the part of the stockholders, and Mr. Andrew Johnson was announced as director on the part of the State. Messrs. C. F. M. Garnett, James Hupter, John M. Robinson, John R. Baylor and L. B. Anderson were re-appointed the committee of examination.

#### The Ohio Coal Fields.

We give below, from the Cincinnati Gazette, the very able address of Prof. E. B. Andrews, State Geologist of Ohio, delivered before the Cincinnati Boad of Trade on the 7th inst. :

Prof. Andrews first showed that Cincinnati, being a great city, should make articles of prime necessity free fram any uncertainty or precariousness of supply. In the earlier days when the place was small, the abode of the first pioneers, the elements of precariousness mattered comparatively little; it rather gave zest to pioneer life. If the intervals between the capture of bear or turkey were somewhat long, the appetite was the keener and the relish greater when the supply came. The spring on the hillside drying up in summer gave way in time for wells, and in the growth of the place, wells gave way to water works, with certain and abundant supply. The surrounding forest afforded the first fuel, and as the forest receded wood was floated down the river, and when this became uncertain coal slowly made its way against many prejudices, hickory and maple being regarded by many as possessing in themselves all the caloric virtues.

But coal at last supplied all the wants, and this was brought by the river almost exclusively. But the river has elements of uncertainty, and now the city, in the magnitude of its wants, often suffers for the want of an adequate and continuous supply. Has, then, the city outgrown the Ohio river? If the question is change? it answers itself. Shall an article of cheap necessity-indeed, a prime factor in the well being and growth of the city, the demand for which is constant and increasingly vast—be subjected to a doubtful and

precarious supply?

The Ohio river has served a noble purpose, and through its aid Cincinnati has grown steadily in population, in wealth, and business enterprises, and with this wealth has come regard to the requisitions of taste and culture, and now the city, with its almost unrivaled environs, ranks among the first and most beautiful in the land. In past years the river floated your commerce, and travelers came and went by it, and all gave it merited honor. It was for years the great thoroughfare over which the statesmen of the West passed to and from the National Capital, and business men to and from the Eastern marts. Down it immi-grants, in constant throng, passed, to find homes here, or in the broad West beyond. But its day has passed, not for the beauty and picturesqueness of its scenery, but for the prosaic purposes of traffic, and now Cincinnati must look elsewhere for the supply of one of her most urgent demands. Fortunately an ample supply of fuel is not far away, and I shall point out such of our coal fields lying East as are proximate to the city. But before the Professor takes an excursion with his audience, among the Eastern hills and valleys, he Itself-its origin and leading varieties, that we may make our excursion more intelligently.

(Here the Professor drew a geological section across the State, from Cincinnati eastward, and illustrated by a diagram.)

Coal is formed from vegetable tissues. The leaves, bark and vegetable tissues are visible in

the coal itself.

Coal vegetation grew where now found, and was not a mass of vegetable detritus carried from the land and buried under the sea, as some think. Coal vegetation grew in marshes and on low is-lands skirting an ancient shore. Fishes and marine shells are found in coal, and accompanying slate. These marshes were sometimes flooded, and beachworn sticks carried into the marshes

and are now lodged into the coal.

The marsh settled down and the vegetation was buried by sands and clay sediments, which now forms sandstones and shales. This subsidence was a regular and uniform thing until arrested, and the waters were silted up with sand and mud. A new marsh formed, making another seam of coal. Hence a beautiful parallelism between the seams of coal, for each represents a water line. The coal thus formed is of three kinds: highly bituminous and coking, splint and cannel. These pass into each other by almost imperceptible gradations.

Coking coal-formed from the vegetation which has before burial undergone the least change from decomposition. A tree or branch buried in impervious clay always makes bright resinous coal. Pittsburg and Youghiogeny are of this general class. Good steam coal where it can be stoked. Not so pleasant for the grate as the dry burning

pal. It is good for coke, and generally for gas.
Splint coal—Is formed from vegetation more changed, which has been more subjected to wet-ting and drying. It is generally laminated, and breaks into tabular blocks in fracture and dry burning. It is generally rich in carbor, and from its non-cementing nature is especially adapted to

the blast furnace.

Cannel Coal .- In the ancient marshes there were areas where the water stood more or less, and there were accumulations of vegetable mud or muck, such as we find in bogs now. All vegetable structure is gone, and, when dry, such muck forms a dark and impalpable powder. Such muck beds, in the ancient marsh, when burned up and compressed, and bituminized, formed cannel coal, which shows no structure, seldom any lamination, and breaks with a conchoridal fracture. This coal, when free from impurities, makes a popular parlor grate coal, and gives to gas a high illum inating power.

Ash in Coal-Is derived from the ashes or inorganic matter in the original vegetation, and organic matter in the original vegetation, and from the sediments which were brought into the old coal marshes. A coal from Jackson county gave .77 per cent. of ash. From this minimum it ranges to even 20 or 30 per cent., and, when ex-

cessive, destroys the value of the coal.

Salphur in Coal-Is derived in part, from the original vegetation, but probably more from sulphates in ocean water, decomposed by the action of decomposing vegetable matter. Part of the sulphur is united with iron to form pyrites or bisulphide of iron; part is united with the bitum-inous matter and is volatilized in coking the coal, and part is found with the fixed carbon of the coke. A mere trifle is found in the ashes.

For iron making, in blast furnaces, the more sulphur passes off in the coking which takes place in the top of the furnace stack the better, since pure coke is chiefly needed. For gas making, it is just the opposite,

The Professor gave the following distances to

CINCINNATI AND MUSKINGUM VALLEY RAILROAD.

Cincinnati to Lancaster, 125 miles; Cincinnati to New Lexington, 146 miles; do. to McLunay, 152 miles; New Lexington to Moxahala, 5 miles; to Sunday Creek, 10 miles; Cincinnati to Sunday ville region, or Floodwood, or Meeker's run, where the coal is from six to eight feet. Hocking Valabout 141 miles; Welf Station to Shawnee, 12 ley coal may now be brought to Athens, thence

by a proposed direct road, 17 to 20 miles; Lan-caster to Straitsville, Columbus and Hocking Val-ley railroad, 31 miles; Lancaster to Haydenville, 25 miles; Lancaster to Nelsonville, 30 miles; Cincinnati to Nelsonville, via Columbus and Hock-ing Valley railroad, 155 miles; Cincinnati to Straitsville, via Columbus and Hocking Valley railroad, 156 miles.

The coal by the Cincinnati and Muskingum Valley railroad would find dumpage from the bridge alone, and will naturally supply the southern part of the city.

#### MARIETTA AND CINCINNATI RAILROAD.

Cincinnati to Byers' Station, about 120 miles; from Byers' to Pigeon Creek, by branch to be built, 3 to 5 miles. Cincinnati to Hamden, 129 miles; Hamden to Jackson, 12 miles; total, 141 miles. Cincinnati to Zaleski, 140 miles; Cincinnati to Mineral City, 150 miles; King's Switch and Mooresville between Zaleski and Mineral City; Cincinnati to Carbondale, 155 miles; Cincinnati to Athens, 160 miles; Nelsonville, via Marietta and Cincinnati railroad, 174 miles; Cincinnati to Big Run and Federal Creek, 174 miles. Coal by the Marietta and Cincinnati railroad would supply the north part of city.

#### OHIO RIVER.

Cincinnati to Big Sandy, 158 miles, Cincinnati to Pittsburg, 466 miles; Cincinnati to Pomeroy, 230 miles; Ohio river to Peach Orchard coal, Big Sandy, 42 miles; Ohio river to Warfield, 53 miles; Ohio river to Twelve Pole, by rail, 24 miles; Ohio river to Guyandotte coal field, 32 miles; Ohio river to Coal river coal field, by water, 72 miles, by rail a little less; Ohio river to Coalburg, Kana wha, by water, 70 miles, by rail, 69 miles.

The speaker passed up the Cincinnati and Muskingum Valley railroad to Lancaster, and

thence to the great Perry county and Hocking

valley coal fields by various routes.

Continuing to New Lexington and McLunay Station, we find coal in the hills bordering the railroad. It is of good quality and popular where used. Ten miles sonth of New Lexington, by a railroad now in progress, the great Sunday Creek coal seam is reached the maximum development of coal in the State being thirteen feet lacking two inches of pure coal. The quality is very superior, and has great adaption to all the higher uses. In another year this coal will be reached, and can be mined and shipped to great advantage. Excellent coal is found in the Moxahala valley, south of New Lexington. At the junction, about six miles west of New Lexington, the Newark and Straitsville crosses the Cincinnati and Muskingum Valley railroad, and reaching Shawnee City in the immediate neighborhood of Straitsville, very excellent coal is found in great abundance.

A road is projected from Lancaster to the

Straitsville region, which will reach the coalfield

in seventeen miles.

By using the Hocking Valley road, all the vast treasures of the Hocking Valley and Straitsville region are made accessible. This is a coal of the fluest quality, and it is authenticating itself for all important uses, over a vast district which it is now supplying. The business in this region is becoming very extensive and profitable.

#### MARIETTA AND CINCINNATI RAILROAD

A branch from Byers Station up Pigeon creek reaches in three to five miles, the Sells coal, the equivalent of the Anthony seam. This is one of the best and purest coals in the State.

Hill coal and shaft coal are found nearer Jack son—all superior coals, A branch to the Elk Fork coal (Wolff's), north of McArthur. This is a very excellent coal, and perhaps the equivalent

of the Briar Hill and Jackson shaft.

At Zaleski, King's Switch, Moonville, Carbendale, are coals of varying values, but generally good, and popular where used. From Carbondale, a road three to five miles would strike the Nelson-

miles (estimate); Lancaster to Straitsville field, by the Marietta and Cincinnati railroad, east of by a proposed direct road, 17 to 20 miles; Lan-Athens, on Federal creek and branches, the equivalent of the Pomeroy seam in Ames, Browne, Homer, Marion, and —town-ships. This is a good coal for all uses except gas making and the blast furnace. It makes a good coal for steam purposes and for the grate where a coking coal is

#### SYMMES CREEK ROUTE.

Distances furnished by Colonel Trimble,— Cincinnati (Miami Depot) to Works Mines, 5 miles west of Jackson, 106 miles; Cincinnati to Jackson Court House 111 miles; Cincinnati to Symmes Creek seam of coal, Greenfield township, 120 miles; Cincinnati to Waterloo, Walnut town-ship, 131 miles; Waterloo to Ohio River, 23 miles.

#### COAL IN JACKSON COUNTY.

Shaft coal at Jackson-Very pure and excellent; used for making iron in blast furnace; resembles the Briar Hill block coal, but less blocky, probably the geological equivalent of the Briar Hill seam.

Anthony coal, one of the purest and best coals of the State, extends through the hills to the north for a considerable distance; seen on Buffalo Skull Creek and Pigeon Creek, etc.

Hill Coal.-Another very pure coal, and would make a very popular fuel. It has little sulphur

and little ash.

Over the ridge on Symmes Creek is the Sheridan Coal, which is thicker, and found to be very full and good. This coal ranges through Walnut, Greenfield, and, perhaps, other townships in Gallia county.

There are four other coal seams on this railroad line-one 75 feet below ferriferous limestone; one just under the limestone, and one 20 feet above, and one 50 feet above the Symmes Creek seam.

By a branch south of Jackson the Webster Furnace block coal could be reached. the geological equivalent of the Briar Hill coal;

the coal is very superior.

There is, on the aggregate, a vast supply of

coal on this route.

By the Ohio valley the coal fields are reached in about one hundred and twenty five miles.

On the Little Scioto, near Webster furnace, the coal is very fine, and in places typical block coal, but this coal is needed at home for smelting the ore of this region. It is, however, within reach of the Ohio river over the Portsmouth branch of the Marietta and Cincinnati railroad.

In the vicinity of Hanging Rock and Ironton the principal coal is the Newcastle vein, twenty feet above the ferriferous limestone. This coal is used successfully for general purposes, but is not

well adapted for blast furnaces.

The Sheridan coal, now mined and shipped on the Ohio side, about six miles above Ironton, is an excellent coal for steam purposes, and for most other uses. It is a widely spread seam, extending back into Symmes Creek. The Symmes Creek coal ranges from four to six feet; is a good coal, with a large per cent. of fixed carbon. This coal is accessible to the Ohio valley by the valley of Symmes Creek.

The distance from the river to the best of these coals is about twenty-three miles. This deposit is quite extensive, and is well developed and very pure throughout several townships. Following up the river, the next important seam is that of Pomeroy and vicinity, which is well known in Cincinnati. The range of this coal is extensive and the supply abundant, and is very accessible, the river curvature affording a large frontage for mining.

The coal fields on Duck Creek, above Marietta, re now rendered accessible by the Marietta and Pittsburg railroad. These veins have a thickness of from five to six feet. The coal is highly valued for steam purposes, and is used in the pud-dling furnaces at the Marietta Iron Works, and is now in general use at Marietta, taking the place

of the up-river coals. On the south side of the Ohio, the Coalton coal ers to the general market.

The Peach Orchard district, forty-two miles up the Big Sandy, contains very fine deposits of coal, which at one time won a high reputation in this city; but the mines had to be abandoned

during the war.

On Twelve Pole creek, twenty-four miles from the Ohio river, is also a valuable boring of coal, generally a splint, but running into cannel in places; the heaviest good cannel the lecturer had ever examined.

The Guyandotte coal, thirty-two miles back from the river, is, doubtless, the same as that on Twelve Pole. This is reported to be of fine quality, and from six to seven feet thick. The Coal river basin extends further up, and embraces, with the Kanawha coals, an extensive field and the coal is highly spoken of,

All these several coal deposits, affording an inexhaustible supply of every class of coal, are in easy reach of a line of railroad along the Ohio river directly, or by branch roads, extending a short distance up the valleys of these lateral

GENERAL CONCLUSION.

I fear I have confused your minds by the large number of locations of excellent coal to be found within reasonable distance of Cincinnati. There is one very manifest inference from these factsviz: that Cincinnati should not go to Western Pennsylvania for coal. As it now is, you go 300 miles further than you need go, and that 300 miles the worst part of the Ohio river, through which the coal boats must run the gauntlet of low water, sand bars, bridge abutments, &c. Fewer runs can be made on the same rise of river, so much more time being consumed on the way. Furthermore, of the millions of dollars sent to Pennsylvania for coal, not a dollar comes back to you in the reflex current of trade. This vast sum is not only lost to you, but goes largely to enrich Pittsburg, a rival city. Fortunately, adequate supplies are at hand.

During the address, while the Professor was speaking of the line of the Cincinnati and Musk-ingum Valley railroad, a gentlemen inquired:

What grades are to be overcome in getting coal to Cincinnati from that district-about the maximum ?"

Professor Andrews-I have not the exact grades, but they are not very serious until you get on the ridge between Lancaster and Circle ville. Between the waters of the Hocking and the waters of the Scioto there is but one place where, for heavy freight trains, an extra engine would be needed.

Q .- How many feet to the mile is the grade? Prof. A.—I do not know positively, but I understand it is about 64 feet. The difficulty there could be obviated by using an extra engine.

Q .- How many cars loaded with coal can be

taken over that road with one engine?

Prof. A .- With the exception of that one place I have been told they can take twenty-eight, of 300 bushels each. That is about the average size of the trains on the Hocking Valley roadnot where it is taken out of the ridge, but where they make up their trains.

Q .- How long is that grade?

Q.—How long is that grade?

Prof. A.—It is not long. It is the first rise west of Lancaster, and of course it is the up grade coming this way, to the summit. I am told it is nothing serious. Whether it can be remedied by some new engineering, I do not know.

Q.—What is the relative value of Ohio and Manual and a serious and a serious calls of relative value.

Kentucky coals, of which you have spoken, and

the Pittsburg coal?
Prof. A.—It is very difficult to speak of their relative values. The Pittsburg coal is the standard of that class of coking coal. For household use, and for the generation of steam, the other coals are preferred by many people. I have burned the Pittsburg and other coals, and my preferences are for the dry burning coals of the Hocking Valley. They are much cleaner, and

seam is worked on the railroad, twelve miles south have less ash. The chief heating quality of coal of Ashland. This is a valuable coal for furnace lies in the carbon. The difference in the amount use, for which reason it is not shipped by its ownburg coal is not much. There is a little excess of gas in the Pittsburg coal, but in Columbus, Lancaster, and other places where Straitsville coal is easily obtained, that coal has driven out the Youghiogheny coal. One of the reasons is that the Straitsville coal makes gas of a superior

quality.

By photometric test, the Youghiogheny coal produces a gas which averages fourteen candles, while, by the same test, Straitsville averaged eighteen candles. I have never in my life found so beautiful and satisfactory a light for my even-ings' work as I get in Lancaster, where they use Straitsville coal. If your gas companies could get it as cheap as the other coals I have no doubt they would use it.

Q.—Are there any uses to which the Youghiog-heny coal is applied, for which the coal you have

been speaking of cannot be applied?

Prof. A.—With the single exception of making hard coke, I do not know of any. The best cokes are made of coals which melt, become porous, and swell up. When they harden, they harden like a cinder, and that makes the most valuable and compact coke.

Q .- I understand the most valuable uses of the Youghiogheny coal are for making steam and blacksmithing?

Prof. A.—I find all over the country that the blacksmiths have very different ideas about coal, but they generally prefer a bituminious or coking coal. They want what they call a "hol low" fire, which is better attained by a coking coal. As to the relative values for the generation Year. Population. Valuation. Rate. of steam, I cannot say. A gentlemen in Colum-bus is testing coals with reference to that subject. If I can get him to test a sample of Youghiogheny coal for me, I will know the relative values of coals for that purpose. I do not disparage the Youghiogheny coal, because it is a valuable coal of its class; but the class is not what I should prefer for general use. The Straitsville coal, I judge, would be very valuable for domestic use.

-What is the probable supply of that Straits

ville coal ?

Prot. A .-- It is indefinite. It runs through several counties, and in its maximum development, it has a development of 13 feet for miles and

Two years ago I was called to address the State Board of Equalization, to state what value coal gave to land, and I was obliged to state that, in some districts, they had so much coal that the consumption of the large part of it would have to be adjourned for more than two hundred, and from that to a thousand years; and that the coal to be mined two hundred years from now had no present effect on the taxable value of the land. I have no fear that it will be exhausted for a long time to come.

Q.—What is the relative value in carbon of the Straitsville and Youghiogheny coal?

Prof. A .- I think the Straitsville coal has two

or three per cent. more carbon.

Q.—Do you consider the Scioto coal at the Webster Furnace of any better quality than the

Ashland coal? [in Kentucky.]

Prof. A.—I should say the coal at Webster Furnace would take rank with the other coals in that vicinity, but it has not been very extensively opened.

Q.—Isn't it a stronger coal than the others? Prof. A .- I should think it would be stronger in heating power—that is, has more fixed carbon

-than the Ashland coal.
In conclusion, Professor Andrews said:

"The coal fields I have mentioned are so extensive, and of such quality, that in five years it should drive out of your market all of the Pennsylvania coal."

A vote of thanks was tendered to the Professor,

The Midland (Ca.) Railway is now com-

From the annual report of the City Auditor, for the year 1871-72, we gather the following interesting statistics:

Funded city debt	20,799,766	80
Unfunded city debt	197,857	91
Water loans	6,812,711	11
Roxbury debt	634,700	
Dorchester debt	183,500	00

\$28,628,585 82

The classification of this debt, funded and unfunded, April 30, 1872, is as follows:

City debt, proper\$16,292,886	08
Water debt 9,602,950	74
War loans 1,914,500	00
Roxbury debt 684,700	00
Dorchester debt	00

\$28,628,535 82

During the year ending April 30, 1872, the debt was increased by the sum of \$745,899 69.

The consolidated debt has increased each decade as follows, since 1824:

1824	\$100,000	00
1880	891,980	75
1840	1,698,282	56
1850	6,195,144	85
1860	8,491,599	77
1870	18,687,350	91
1872	28,628,585	82

Year.	Population.	Valuation.	Rate.
1825	58,277	\$52,442,600	7.00
1830	61,392	59,856,000	8.10
1835	78,603	79,302,600	9.70
1840	93,383	94,581,000	11.00
1845	114,366	135,948,700	5.70
1850	138,788	180,000,500	6.80
1855	161,429	241,932,200	7.70
1860	177,902	276,861,000	9.80
1865	192,324	371,892,775	15.80
1870	250,526	584,289,400	15.30
1091		612,663,550	18.10

Of the valuation in 1871 the property was classified as follows:

Real .... \$895,214,950 Personal..... 217,448,600

#### Canal Towages.

A new and novel invention for steam towage on the canals, in competition for the \$100,000 prize made its appearance in our city this morning, and will make its first trip on the Eric Canal between this city and Schenectady on Friday of this week. The new invention comprises a boiler and engine, six-horse power, the former being on the boat, and the engine on the tow-path furnishing the propelling power. The latter is placed on a truck of three strong wheels, two in front and one in rear for directing the course of the machine, which is eight feet long three feet wide and three feet in height, having a capacity for using three hundred and fifty pounds of coal in twenty-four hours and weighing only eight hundred pounds. The machine also carries a tank for ballast purposes, which will contain an aggregate of 2,000 pounds of water. The engine is connected with the boiler on the boat and is supplied with steam by means of a gutta percha or india rubber tube or pipe, and the connection is further strengthened by auxiliary lines. The cylinder of the engine is four by six inches. The inventor is Mr. J. P. Tice of New York, and he is very sanguite of the success of his invention.—Albany Journal, Nov. 20.

The Rensselaer and Saratoga Railroad, during the year ending Oct. 1st, transported 557,-000 tons of freight; amount carried one mile 29,451,800. The number of passengers carried for the same time was 664,000, number carried one mile 17,241,410.

	LAILI	ROAL	D EA	RNIN	IGS-	MON	THL	Y.				
tral Pacific (in gold): January.	February. 51,831	March. 60,029	April. 81,156	May. 95,828	June.	July.	August.	September. 200,550		November.		. Tota
67	86,937	81,396	96,481	106,835	121,702 164,729	174,812 259,590	181,297 251,832	262,770	212,109 296,422	128,166 286,562	75,871 842,743	2,300,
69	218,982	891,308	485,048	568,270	556 080	532,657	511,854	609,788	579,642	585,366	467,659	5,670,
70	394,176 485,490	488,382 614,44¥	633,758 720,929	768,720 892,841	729,274 795,176	783,100 869,297	807,816 1,006,873	787,184 995,922	828,447 981,006	777,513 897,234	583,692 672,358	7,995, 9,467
72634,480	545,487	868,050	951,200	1,221,625	1,222,140	1,175,295	1,288,297	1,332,220	1,875,425	******	****	*****
cago and Alton:	075 089											
66	275,283 222,241	299,063 290,111	258,480 269,249	322,278 329,851	355,270 371,544	335,985 321,597	409,251 887,269	401,280 322,688	357,956 360,228	807,919 823,030	286,824 271,247	3,840,
67	157,832	285,961	282,165	335,510	342,858	354,244	415,982	408,999	426,752	359,102	330,169	3,892
68	275,140	267,094	279,121	303,342	384,504	404,012	558,101	486,196	503,746	409,569	361 701	4,608
69348,182 70261,109	315,099 316,037	388,727 342,897	328,390 348,039	345,833 408,686	402,854	\$51,045 418,709	493,232 506,681	506 623 497,519	468,212 475,608	397,515 441,197	840,851 404,264	4,681
71850,285	842,369	384,999	388,964	461,290	466,097	688,655	584,163	507,617	473,227	455,607	377,687	5,278
72	329,170	878,021	381,644	440,457	485,192	482,987	572,331	496,062	643,518		******	
cago and Northwestern:					988 100	001 994	000 100	479 108	££1 100	495 045	407 600	0.011
64	817,839	390,355	421,363	466,880	565,145	281,334 480,710	519,306	473,186 669,605	551,122 729,759	435,945 716,378	407,688 563,400	2,811 6,114
65	482,164	499,296	468,358	585,623	747,942	702,691	767,508	946,707	932,683	754,671	547,142	7,97
86	899,917	523,845	527,519	858,948	925,983	808,524	797,475	1,000,086	1,200,216	1,010,892	712,359	9,29
67	574,664 807,478	765,398 850,192	1,094,597	895,712 1,211,150	893,658 1,180,933	888,214 1,076,674	1,063,237 1,251,940	1,448,942 1,507,479	1,541,057 1,570,067	1,211,530 1,107,084	879,900 1,001,987	11,63 13,38
99892,093	830,287	1,142,166	1,112,190	1,268,444	1,251,951	1,157,056	1,037,974	1,305,673	1,371,780	1,140,145	845,708	13,35
70	753,782	858,359	929,077	1,177,897	1,139,284	1,034,393	1,227,513	1,259,282	1,306,338	1,037,964	778,494	12,20
71	602,482	774,994	787,641	1,094,101	952,899	851,846	1,099,337	1,281,574	1,047,318	1,006,235	852,422	11,00
72	714,122	846,394	900,876	1,074,779	******	******	******	******	******	******	******	****
68242,205	236,160	242,509	236,435	198,959	203,696	218,347	271,425	287,451	293,296	262,798	230,061	2,91
69	180,840	239,522	247,661	241,456	259,408	253,867	341,783	320,025	293,615	271,555	242,621	3,09
70	226,897	244,182	246,046	260,169	274,021	249,355	319,012	317,887	839,239	319,573	284,156	8,27
71270,20 <b>4</b> 72	278,751 318,626	315,149 354,766	295,460 366,960	281,491 878,493	288,775	314,850 219,059	360,759 404,286	374,671	338,723 428,598	340,625	317,773	8,76
ols Central:				010/200		229,000	203,200		220,000	******	******	***
64827,900	416,588	459,762	428,797	406,373	510,100	423,578	640,179	799,236	661,391	657,141	603,402	6,32
608,068	528,972	616,665	516,608	460,573	617,682	578,408	747,469	739,786	641,589	643,887	518,088	7,18
67647,120	505,266 524,871	\$05,465 417,071	411,605	569,250 477,027	567,679 516,498	480,626 525,242	578,253 709,327	571,348 738,580	661,971 823,901	588,219 727,810	504,066 613,329	7,16
68	586,165	444,443	518,800	572,551	626,249	649,714	794,325	889,967	931,530	685,401	681,041	7,81
60659,188	524,698	709,645	568,282	640,975	778,261	696,228	841,363	979,401	914,406	814,413	696,677	8,82
70 623,383	661,789	601,826 563,598	655,087	684,539	712,647	627,216	899,052	901,235	908,225	811,708	697,751	8,67
71624,744 72642,468	529,617 527,068	573,175	620,228 647,988	713,162 686,373	718,722 641,410	707,992 616,680	886,041 768,256	890,287 759,967	753,184 863,746	755,486	688,131	8,40
ietta and Cincinnati:	021,000	012,110	021,000	000,010	041,410	010,000	100,200	100,001	000) 130	******	******	***
06 90,411	85,447	84.351	81,181	96,388	103,378	98,043	106,921	104,866	113,504	112,962	123,802	1,20
67 94,186	78,976	92,910	92,768	90,526	96,535	106,594	114,716	121,217	142,823	132,387	123,383	1,27
68	81,599 91,666	98,482 108,558	108,461	95,416 111,033	95,924 118,648	108,413 114,496	126,556 129.388	121,519 140,478	125,065 132,869	119,169 131,019	121,408 109,629	1,29
70 90,177	98,275	101,879	108,246	110.213	111,117	111,127	118,407	182,998	153,531	144,023	141,376	1,39
71130,883	126,224	140,740	119,178	119,650	115,115	118,572	127,341	166,191	175,438	172,567	169,820	1,60
72	142,408	150,784	145,858	158,717	154,587	149,550	162,521	191,841	208,977	******	******	***
higan Central:	279,137	344,228	887,241	401,458	365,663	829,105	413,501	476,661	490,094	447,670	828,870	4.52
806,324 866282,489	265,796	887,158	343,787	365,196	885,083	324,986	359,646	429,161	493,640	414,604	308,669	4,26
67	283,661	375,210	362,783	833,952	284,977	313,021	398,993	464,778	506,296	412,934	330,373	4,37
68843,316	304,815	326,880	415,758	369,236	825,501	321,013	392,942	456,978	511,820	410,826	399,671	4,50
09	320,636 329,128	386,527 384,431	411,814	408,646	366,623 363,187	329,950 326,891	353,569 878,880	473,546 457,990	490,772 511,447	448,419	874,542	4,74
770887,992 711418,755	442,665	441,685	470,708	480,847	427,096	422,515	529,890	628,660	582,802	533,506	387,827	4,78
72	******	******	******	******	******	******	******	******	******	******	******	***
waukee and St. Paul:	010 775	007 740	070.000	****		005 450		W74 W00	-	-	100.000	
867	240,755 321,208	261,148 383,508	816,266 436,412	401,900 565,718	869,356 458,191	865,412 423,398	350,565 522,682	751,788 1,024,045	1,101,771 1,037,464	775,616 556,917	438,323 468 880	6,5
309454,590	330,400	420,951	460,288	630,844	678,923	586,531	525,647	724,732	1,040,102	801.195	496,566	7.2
370	382,823	377,571	443,132	730,700	755,737	636,434	661,020	808,318	908,313	791,014	529,758	7,4
371	827,481	400,149	483,884	662,368	658,017	481,118	506,557	815,846	841,150	644,625	473,295	6,6
72	387,525	426,192	474,188	580,432	694,901	488,348	565,729	811,961	950,945	******	******	***
o and Mississippi: 84210,329	260,466	309,261	269,444	224,968	223,242	268,177	302,596	832,400	278,006	846,243	275,950	8,3
MA	239,139	313,914	271,527	290,916	304,463	349,285	344,700	350,348	872,618	412,553	284,319	3.7
66	246,109	326,236	277,424	283,180	253,925	247,262	305,454	278,701	310,762	302,426	281,613	83
807242,793 808	219,065 231,351	279,647 265,905	284,729 252,149	282,939 204,620	240,135 217,082	284,688 194,455	322,521 287,557	365,371 307,122	379,367 283,329	836,066 274,637	272,053 238,861	3,4 2,9
369	216,080	221,459	214,409	218,639	223,236	192,364			829,044	298.027	254,896	2,9
20196,787	218,234	253,065	270,934	246,266	249,987	211,219	300,971	318,957	355,187	316,054	250,471	3,1
171	258,554	384,599			189,241	211,352			830,991	******	******	•••
riic of Missouri :	207,302	294,302	278,247	264,273	249,349	184,411	262,515	350,613	329,243	298,708	271,207	3,1
870202,447	250,617	294,874			263,328	260,449	843,195		341,373	821,659	236,108	3,1
271 212.005	219,504	319,765	285,416	284,732	275,351	287,540	329,270	364,128	369,887	385,103	299,552	3,6
72	238,828	303,594	305,756	265,000	304,512	265,406	******		******	******	******	***
liadelphia and Reading:	582,786	617,021	669,384	957 170	936,188	711,457	1,170,241	1,125,635	754.551	1,032,149	812,178	0.5
864436,742 865653,053	608,306	116,215		757,178 416,841	566,979	957,194			1,419,232	1,196,955	702,685	9,5
866	725,967	779,198	861,604	1,109,267	1,140,301	996,841	1,252,386	800,742	887,793	874,974	436,990	10,6
207	584,561	703,618	836,603	965,358	903,974	864,637	693,104	873,153	956,658	837,351	586,779	9,2
868	518,174 525,490	651,019 755,433		761,220	744,188	314,472			1,159,726 1,235,366		889,924	8,7
809479,236 870479,872		755,438 679,332		499,463 593,966	630,680 617,058	1,232,903 569,697			1,235,366		828,447 899,258	
871	423,045	644,506			1,510,088						080,200	
Tomia Alton and Torre Haute:												
RRR	155,893	192,138		168,699	162,532	166,015 172,933			244,834	212,227	177,364	
967		174,153 149,164		171,736 130,545	156,066 140,408	143,987			230,340 210,473	205,095 174,500	180,971 168,696	
860	121,017	175,950	171,868	157,398	154,138	144,164	186,889	202,238	205,750	189,351	160,085	2,0
870	158,788	172,216	172,347	155,081	150,719	129,567	167,305	158,627	163,285	152,909	137,794	1,8
871	3 124,810	154,697	140,302					188,442	186,489	152,515	102,995	
Louis and Iron Mountain:		105,033	103,716	117 00*	116,242	107,524	126,012	127,412	126,775	124,988	123,948	1,8
870	122,373	144,533			114,786				175,792	154,427	169,607	1,6
872	156,292	181,055		187,625					213,325	109,921	109,001	
872	,	1										
H67	200,100	270,630							406,766			3,5
868	265,137	257,800										
849284,190	3 240,395	242,708 295,279				310,800						
1870	328,791	393,455							600,205			
871365,176 872439,780	431,949	460,646							621,351			11.00
ion Pacifie:		200,000			1000				The state of			400
1809	*******	*******	******	797,948	706,602				999,665			
	600,139	589,288	706,603	802,586					719,698		\$05,053	7,6
1870		499,899	584.540	724,466	728,174	673,696	681,868	800,402	777,862	708,142	542,908	7,5

			C			SENG		RAI			SH	AR	C	A	NI	)	BOND LIST					1000
*			٠	H	ORSE PA	SSENGER	73 .	OAD SI	HARE	LIST	100	.70		75		-1	PASSENGER RA	LROA	D I	BOND	3.	8
	th track	s and a	4		G		tond and ment.	pital.	Indebte	dness.	Karni	- 8	14		ue o		COMPANIES.	Amount out-	ate.	Pay- able.	Ayable.	Market
Years nding.	Length truckequiv. single.	Horses and Dummies.	Care		COMPANIES	•	tost of Road s Equipment.	Share Capital	Bonded Debt.	Floating Debt.	Gross.	Net	Capit	Par.	Paid.	Market	Albany: 1st Mortgage	40,000	DC	J.& J.	1883	-
	m.		No	Albana		N V.	\$ 157,800	\$ 111,400	\$ 40,000	8	\$ 63,640	8	D. C.	\$	\$ 00 .	8	Avenue C: 1st Mortgage Bleecker St. & Fulton Ferry	681,000		M&N	15.03	п
30, '71 30, '71 31, '71	7.25		16	Albany st Allentown	Freight (E	oton) Mass. Pa	48,709 81,452	75,000 192,750		155	2,856 10,801	657 2,985		100 1	00	•••	1st Mortgage Broadway (Brooklyn): 1st Mortgage	100,000	0 7	J.& J. J.& J.	OTE I	ı
30,71	22.00	440	55	Avenue C Bleeck. st Boston an	(N. Y. Cit & F.F. (N.	yN. Y. Y.C.)N.Y. Mass.	513,286 1,775,049 110,000	500,000 900,000 110,000	681,000 694,000		161,424 802,393 8,800	11,753 69,430 7,859	6.8	100 1 100 1	00		1st Mortgage	:		J.&D.	100	Ł
30, '71 30, '71 30, '71	1.25 10.76	276		Boston &	West Roxb	oury. Mass.	56,133 309,000 3,632,053	41,000 200,000	100,000	9,859 13,559	2,500 143,794 775,190	2,348 25,445 235,915	9	100 1	100		Brooklyn City: 1st Mortgage Brooklyn City & Newtown	1:1		J.& J.	0.00	۱
30, 71	7.00	1479	28	Brooklyn,	City	ney I.N.Y.	212,379 2,082,804	180,000 1,500,000	80,000	123,000	41,166	8,501 293,274	12	100 1 100 1		••••	1st Mortgage			J.&J. M&N	(133)	١
50, 77	19.83	708	42	Brooklyn B'kiyn C	City & New ity, Hun. P. reet	& P.P.N.Y.	636,730 616,730 429,557	400,000 300,000 377,000	200,000 300,000 73,000	29,197	164,787 154,768 183,932	34,200 40,685 23,518		100	100	••••	1st Mortgage Cambridge (Boston): 1st Mortgage sinking fun	d 150,00		J.& J.	100	1
30, 7	15.20 11.50 33.51	92	3 77	Danahamiah	r / Dwoolel	NV	324.012	302,000 740,000	150,000	2,018	81,514 69,091 19,524	8,092 69,091 7,475	13.5	100 1	100 100 100	100	Central Park, N & E. Rive 1st Mortgage. 2d Mortgage.	. 550.00	0 7	F& A M&N	1882	
30, 7	46.00	802 862	142 48	Cen. P., I Citizens'	lity (Syracus N.& E.R. (N (Phila.)	Mass se)N.Y. I.Y.C.)N.Y. Pa. Pa. dyn)N.Y. N.Y.C)N.Y. amaicaN.Y.	29,006 1,629,175 212,820	21,130 1,068,400 192,750	6,000		590,245 343,002	13,153	27.7	100	100 194		2d Mortgage	- 50,00		J.& J.	0.000	ı
31, '7 31, '7 30,'7	1 8.8	170 222	33 21	Citizens' Coney Is	(Pittsburg) land (Brook	dyn) . N.Y.	249,895 647,363	184,000	50,000 215,000 700,000	49,593	107,771 160,178 698,241		22.0		46 100 100		D. Dock, E. Bdw. & Batter	215,00	7	J.& J.	1673	-
30.77	1 10.36							175,800 29,562	82,700	1,632	26,554 9,757	5,460 2,658	5	100 25	100		Lighth Avenue (N. Y.):	700,00		J.& J.	1000	
31, 7	1 5.28		169	Eighth A Elmira a	venue (N.) nd Horsehe	d.City)N.Y.	43,000	22,500	203,000	35,000 3,200	702,672 (Not in 14,371	154,662 opera.) 3,268	12		100 100 42		1st Mortgage	208,00		7 A&O.	100	
31, '7 31, '7 30,'7	5.0	72	13	Fifth Wa	ard (Syracus	Pa. L (Pbg.).Pa. se)N.Y	93,000 46,799	68,300 29,285	25,000 10,000	2,800	41,167 12,612	7,504 1,163	85	25 100	25 100		1st Mortgage	175.5	00	7 J.& J. 7 M&N		
31, 7	1 17.0	366	52	Frankfor	d & Southw	N.Y.C.)N.Y. vark(Ph.)Pa. (Syr.).N.Y.	830,364	491,750	227,000	80,000	362,619 335,899 13,924	92,869	6	100 50 100	100 50 100	58	Germantown:	250.0	00	7 J.& J	. 187	1
31, '7 31, '7	1 34.2 1 5.4	360	28	Germant Girard C	own (Phila. ollege (Phil	)Pa	177,49	307,545 170,000	350,000		368,586 217,578	88,100 55,592	19.5	50 50 100	30 17		2d mortgage	100,0 h: 200,0		7 A&O	4	
. 30,17 . 30,17	1 8.0	0		Gr'd St. 1	Prosp. Pk.&	(Bk'n)N.Y. Flatb.N.Y. (Phila.).Ps.	. 400,000	200,000	200,00	14,000	94,496 (Not in 172,537	opera.)	-	100	100 100 15		Green and Coates street: 1st Mortgage	100,0		7 J.& J		
81, '7 81, '7 . 80,'7	1 2.1	0 120	24	Harrisbu Harim.B	r. Morr. & F	dham.N.Y	254,29	41,995 123,540	12,86	1,240	6,489 85,554	567	_	25 100 50	25 100	18	Hestony. Mantua & Fair	137,0	00	7 J.& J	. 187	
31,	1 20.4	6 3		Kingston Lombard	ant. & Frmo n and Rondo d and South	ount (Ph.)Pa outN.Y st. (Ph.).Pa	110,10	75,000 1 105,000	)		22,809 95,950	28,513	3.7	100	100		lst MortgageLombard and South st.(Pi	125,0	1	7 J.&D	13	
30,"	1 4.0	4 5 23	1	Lynn an	d Boston	Mass (Btn). Mass	78,90 277,31	200,00	50,00	- 4,500	82,18 177,50			100 100 100	100 100 100		Ist Mortgage sinking fu	100		7 J.& J	1	
30," 30," 30,"	71 1.0	7		Margina Medford	l Freight (B & Charlest	Boston). Mass	1,040,55	500,00	500,00		2,40		=	100	100 100		Marginal Freight: 1st Mortgage Maiden and Melrose:	500,0	000	7 4.40	187	i
. 30,"	71 43.1	0 95 0 26		Merrima Metropo Middles	ic Valley ditan (Bosto ex (Boston)	on)Mass	68,00 1,705,56 557,63	6 1,250,00	0	455,566	\$2,26 905,06 222,40	153,199	10	100 100 100	100 100 100	62	1st Mortgage	60,0		6 4.40		
t. 30,"	71 15.6 71 1.7 71 12.7	17	7 5	Mohawl	venue (N.	Y. City)N.Y	15,00	0 15,00 0 797,32	0 167,00	0	7,57	3,847	7 10	100	100	:::	1st Mortgage sinking fu 2d Mortgage Ninth Avenue (N. Y.):	25,0		6 J.&I 7 J.&	). 188 J. 187	-
t. 30,' t. 30,' t. 30,'	71 3.5	00 5	2 1	7 North 2 North V	d St. & Mid Voburn (Bo	mburg. Mass dle Vil. N. Y oston) Mass	300,00 154,34 32,00	3 133,60	0	- 5,059 - 15,350 2,006	41,95	1 5,98	0 =	100 100 100	100 100 100		Orange and Newark:	167,0	000	7 J.4	- 33.	
21.	71 7.	25 8 71 17	2 3	4 Oakland 8 Orange	l & E. Liber and Newarl	rty (Pbg.).Ps	1. 121,80 1. 897,02	5 130,00 2 282,55	0 67,00	0 5,275	195,35	7 37,87	4-	50 100 100			Park Avenue (Bkly):	200,0	900	6 J.& J		
£ 80.	71 3.	31	2 1	2 Peoples	er (Cin.) street (Scr.	anton)P	100,00 a. 138,20	0 100,00 0 125,50	0	00	30,05	3 6.60	1 24	100	100 100 100		Philadelphia City:	188,0		7 J.4 3	360	
. 31,	71 6	02 40	. 1	6 Philade	lphia City (	C. & ParbyParbyParbyParbyParbyParbyParby.	a. 257,00	225,00	0 200,00	00	- (Le	2 85,19 s ed) 5 30,71	3 23.	50			1st Mortgage	57 4		7 J.& .	100	
	71 8.		4 2	Pbg., A. Pittsbu	liegheny & . rg and Birn	Manchest.PainghamP	a. 146,26 a 135,9	140,00 13 100,00	0 10,6	00 57,25	139,37	7 34,70 6 3,63	3 25.	50 - 50	85 50		Coupon bonds (6s & 7s	K:		J.&	1	
e. 31, t. 30, . 31,	71 0.	60		. Poughk	ceepsie City	yunk(Ph.)P	07,4	31,3	0 14,0		16,8	6 Loss		- 100 - 100 - 50	100 100 15	***	1st Mortgage	*** 200	000	7 J.4I	A 1187	ī
t. 30,	71 10.	85		Roches	ter and Brig	hton N. Mas	94,1 203,7	60,00 35 150,00	20,0	00	67,14	17,10 4 7,62	2 -	- 100 - 100	100		Second and Third st. (Pl	315,0	000	7 A.40	N 188	-
t. 30, . 31, t. 30,	71 3. 71 16. 71 38.	00 6	3 10	1 Second	Avenue (N.	Phila.) P Y. City) N. I Phila.) P	2,089,5 695,2	23 888,10 23 573,41	1,163,5	00	- 565,98 - 484,00	18 ed) 34 137,40 34 151,59	3 15.	0 50	80	96	lst Mortgage	00	700	7 J.4.	1. 187 O 187	
t. 31, ot. 30,	71 8	38 6	36 4	10 17th and	d 19th street venue (N.)	t (Phila.)P Y. City).N.!	1,775,8	750,00	250,0	00 106,22 00 80,00		7,37 30 100,10 4,50	0 12	0 50 5 100 - 100	100	130	South Brooklyn and Par	250,	000	7 J.&	7, 186	
ot. 30, ot. 30, ot. 30,	771 7	03 - 49 2 50		South I	Boston Brooklyn &	ParkN.	18. 414,4 Y. 240,4	12 450,00 22 150,00	50,0			1 44,37	15 10	100	100		Third Avenue (N. Y.):	50,	000	7 J.4.	24 53	
pt. 30, pt. 30,	71 2	.71	29	4 Stoneh	am street (E	Boston) Mas desN.	87,5	94 33,0	00	7,00	0 17,5 - 14,9 - 16,2	06 34	8 -	- 100 - 100 5 100	100	)	Troy and Albia:	*** 619,	000	7 J.&		
pt. 30, pt. 30, t. 31,	411	261 2	501	Syracu	se and Onor	idagaN.	Y 35,2 a 212,3	95 87,0 20 192,7	50		- 14,1 - 313,0	25 5,06 02 94,49	1 4.	7 50	100	4	froy and Lansingburg: 1st Mortgage		- 10	15/25/35/36	0. 181	
pt. 30, t. 81,	71 8	.00 15 .50 2	16	32 13th an	d 15th stree	ts (Phila.). P	a 68,9	997.7	00	_	- 173,4		14 3.5	0 100 0 50 - 100		. 2	1st Mortgage (R. E.)	1	000	72 GBJ	J. 18	į
pt. 80 pt. 30 pt. 80	71 12	.50 .44	67	21 Troy a	nd Lansingt nd Cohoes	burgN.	Y 269,8 Y 70,0	15 250,0	00 (Ope	00 83,67 r. to Tr	3 160,7 o y & L	99 29,02 in singb	20 -	- 100 - 100	100	)	Union (Phila.): 1st Mortgage		100	400	21	
pt. 30 t. 81,	71 12 71 4 71 - 71 30	.00 6	92 1 92 1	11 Union	(Phila.)	Ma Bingham N.	a, 998,0	36 400,0	00 500,0		- 566,0	65 31,6° 73 172,6° 36 14,0°	12 2		20	)	1st Mortgage	III. 23			-1	d
pt. 30	771	.50	20 10	6 Van B	runt st (Broam and New	wtownMa	Y. 97,0 28,5	00 75,0	00 18,0	17,50	19,3	45 4,40	67 — 56 —	- 100 100	100	0	Watervnet:				0. 18	
pt. 30	71 18 71 18 71 18	1.60 1 1.63	17 86 14	31 Water 73 West	vliet (Alban Philadelphi	aI KingstonI	Y. 320,2	98 400,0	00 100,0	000	- 111,1 - 415,7 - 23,6	96 105,3	01 1	5   50	50	0	Williamsburg & Flatbus	h: 100	,000	1		
pt. 30	771	1.38	12	Willia	mburg & F	latbushN. ston)Ma	Y. 428,6	300,0 325 15,0	00 125,0	000 3,60 000 22,21	17,0	70 6	09 34	100	100	0			100	12 /50	1.0	
pt. 30	771	1.25	61	Winni Worse	stor	ston)Ma	85, 61,	162 61,0	000 28,	18,00	25,0	01 3,0	04	10	10	0		6	,000	7		

# RAILROAD AND CANAL DIVIDEND STATEMENT.

Showing the amount of Stock Outstanding, the Dividend Periods and the date of last Dividend.

Almeite and El. Law* 100 240-500 M. & S. B. Spiral 2 Contenting to Almeite and September 2 Protection 100 18 Arm, Grant Protection 1	standing. Period	The state of the s
Mintelle and Bit. 1987—109.   16,100   1.0	1.209,000 F. & A	& A. Aug. 72
Non-continues of M. M. 2	180,000 J. & J 500,000 J. & J	& J. July'72 & J. July'72 & J. July'72
Englishman   1.00   1	110,300 — & — 800,000 F. & A	&_
Sellind & Filchhypert 100 Agricultural II: plant 100 Agricultural II: plant 100 Agricultural II: plant 100 Colored Sellind Sel	110,000 A. & C	& O. Oct. '72
Agrenatura in galaction of control and Market (1997) and the series and Lower (1998) and Low	200,000 J·A. J. 2,100,000 J. & I 1,500,000 F.M.A.	1. J.O. July '72 & D. Jun.'70 M.A.N Nov.'71
sends and Prof. 150   1,855,600   3.6 J.   3.0 J	488 106 J. & J 302,000 J. & J	& - July '71
sanden ad Allantic. 50   771,000   & C   Oct. 773   Sangestork	727,800 A. & C 1,068,400 A. & C 500,000 J. & J	& O. Oct. '87 & J. July '72
Semantical of Semant Section   19,000   1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	200,000 M. & N 500,000 - & - 1,200,000 F.M.A.	& - Aug. 172
Seasoning & Fogolary	200,000 J.A. J.C.	& N. Nov. 71
hissay of N. Western 100   1,723,569   1, 1	491,750 J. & J 1,000,000 J. & J 500,000 J. & J 170,000 J. & J	& J. July 72
hisago, Bur. & Quincella & S. Sept. 725   July 724   Northern Central 50   Social Agency 100   July 723, 569   July 724   Northern N. Himmah. 100   July 723, 569   July 724   Northern N. Himmah. 100   July 723   Social Avenue (N. Y.) 100   Social Avenue (N. Y.) 100   Social Avenue (N. Y.) 100   July 724   Social Avenue (N. Y.) 100   July 725   Social A	170,000 J. & J 500,000 J. & J 2,050,000 J. & J	& J. July '72 & J. July '72
hisago, Bur. & Quincella & S. Sept. 725   July 724   Northern Central 50   Social Agency 100   July 723, 569   July 724   Northern N. Himmah. 100   July 723, 569   July 724   Northern N. Himmah. 100   July 723   Social Avenue (N. Y.) 100   Social Avenue (N. Y.) 100   Social Avenue (N. Y.) 100   July 724   Social Avenue (N. Y.) 100   July 725   Social A	105,000 A. & C 200,000 — & — 200,000 — & — 1,250,000 J. & J	&
Second Avenue (N. Y.)	1,250,000 J. & J 400,000 A. & C 797,320 — & — 282,555 — & —	& O. Oct. '79
hileage of N. Part Part 1, 19	282,000 J. & J 200,000 J. & J 284,775 J. & J	& J. July'71 & J. July'71
hicago, B. J. & Pacinto. 160   19,000,000   A. & O.   Oct. '72 4   Min, Ham, & Dayton' = Into   4,000,000   A. & O.   Oct.   72 4   Min, Ham, & Dayton' = Into   4,000,000   A. & O.   Oct.   72 4   Min, Ham, & Dayton' = Into   4,000,000   A. & O.   Oct.   72 4   Min, Ham, & Dayton' = Into   4,000,000   A. & O.   Oct.   72 4   Min, Ham, & Oct.	200 000 36 6-3	6- 37   37 10c
"	888,100 J.A. J. 962,100 J. & J 500,000 J. & J 750,000 M. & N 1,170,000 F.M.A.	& J. July '71 & N. May '71
Day	1,000,000 J. & J. & J. & J. & J. & J. & J.	
Donnord and Forts   100   2,084,200   3,6 d. J.   3,000,000   3,6 d. J.   3,000,000   3,6 d. J.   3,000,000   3,6 d. J.   3,000   3,6 d. J.   3,000,000   3,000,000   3,000,000   3,000,000   3,000,000   3,000,000   3,000,000   3,000,000   3,000,000   3,000,000   3,000,	400,000 J. & J	July '72 . & J. Jan. '72 . & J. July '72
Dome-client latvs		
Complete	8,229,594 — & - 1,633,350 F. & A	& A. Aug '7
Dubuque & Bloux Giy*100 5,000,000 J. & J. Oct. '72 3 asat Pennsylvania* 60 1,300,200 J. & J. July '72 4 ("Special Imp_100 2,000 000 J. A. J. O., Oct. '72 14 (\$1,000 000 J. A. J. O., Oct. '72 14 (\$1,000 000 J. A. J. O., Oct. '72 14 (\$1,000 000 J. A. J. O., Oct. '72 14 (\$1,000 000 J. A. J. O., Oct. '72 14 (\$1,000 000 J. A. J. July '72 3 (\$1,000 000 J. A. J. July '72 5 (\$1,000 000 J	64.000 J.A. J.	A. J.O. Oct. '7
Sastern (N. H.)	64,000 — & — & — & — & — & — & — & — & — &	& J. July '7 & A. Aug. '7 & A. Aug '7
Seatern (N. H.)   100   342,500   3.6 J. July '71 4   4.7 Agg '72 5   500,000   5.6 L. Agg '72 5   50	4,337,950 — & - 1,908,207 F. & A 2,888,977 F. & A	& A. Feb'72 & A. Feb'72
Rech. & Genesse Val.* 110   Sept. 72   Jac.   Ja	2,907,850 - & -	- & - - & -
Contain   Columber		140 -
Grant Western, (Ca.) 100 [9,237,404 A & O. Oct '72 2] and Schenec.* 100 [9,237,404 A & O. Oct '72 2] and Schenec.* 100 [9,237,404 A & O. Oct '72 2] and Schenec.* 100 [9,237,404 Ang. '70 7] and Schenec.	1,500,000 M. & 18,000,000 J. &	. & S. Mar. '7.
# pref.100	1,000,000 M.J. S.	.J. S.D. Dec. '6
Harlisurg & Lancaster* 50 1,182,500 J. & J. July '723 Store Line* Barriord & New Haven.100 4,000,000 J.A. J.O. July '728 Store Line* Barriord & New Haven.100 4,000,000 J.A. J.O. July '728 Store Line* Barriord & New Haven.100 4,600,000 J.A. J.O. July '728 Store Line* Barriord & New Haven.100 4,600,000 J.A. J.O. July '728 Store Line* Barriord & New Haven.100 4,600,000 J.A. J.O. July '728 Store Line* Barriord & New Haven.100 4,600,000 J.A. J.O. July '728 Store Caroline Barriord & New Haven.100 4,600,000 J.A. J.O. July '728 Store Caroline Barriord & New Haven.100 4,600,000 J.A. J.O. July '728 Store Caroline Barriord & New Haven.100 4,600,000 J.A. J.O. July '728 Store Caroline Barriord & New Haven.100 4,600,000 J.A. J.O. July '728 Store Caroline Barriord & New Haven.100 4,600,000 J.A. J.O. July '728 Store Caroline Barriord & New Haven.100 4,600 J.A. J.O. July '728 Store Line* Barriord & New Haven.100 4,600 J.A. J.O. July '728 Store Line* Barriord & New Haven.100 5,819.276 F. & A. Feb '721 Barriord & New Haven.100 5,819.276 F. & A. Feb '721 Barriord & New Haven.100 4,600 J.A. J.O. July '728 Store Line* Barriord & New Haven.100 5,819.276 F. & A. Peb '721 Barriord & New Haven.100 5,819.276 F. & A. Peb '721 Barriord & New Haven.100 5,819.276 F. & A. Peb '721 Barriord & New Haven.100 5,819.276 F. & A. Peb '721 Barriord & New Haven.100 5,819.276 F. & A. Peb '721 Barriord & New Haven.100 5,819.276 F. & A. Peb '721 Barriord & New Haven.100 5,819.276 F. & A. Peb '721 Barriord & New Haven.100 5,819.276 F. & A. Peb '721 Barriord & New Haven.100 5,819.276 F. & A. Peb '721 Barriord & New Haven.100 5,819.276 F. & A. Peb '721 Barriord & New Haven.100 5,819.276 F. & A. Peb '721 Barriord & New Haven.100 5,819.276 F. & A. Peb '721 Barriord & New Haven.100 5,819.276 F. & A. Peb '721 Barriord & New Haven.100 5,819.276 F. & A. Peb '721 Barriord & New Haven.100 5,819.276 F. & A. Peb '721 Barriord & New Haven.100 5,819.276 F. & A. Peb '721 Barriord & New Haven.100 5,819.276 F. & A. Peb '721 Barriord & New Haven.100 5,819.276 F. & A. Peb '	10,250,000 J. &	& D. Dec 69
The section of the first and the section of the sec	4,400,000 J. A. 1 2,836,600 — & 5,693,400 — &	- & - Apl. '7
"   ref. 50   213,350   J. & J. July '68 3   Stockbridge and Pitts.*.100   445,700   J. & J. July '72   Pennsylvania Cosi	120,000,0001M .T. /4	J S D San '6
Iowa Fallack Sioux City*100 4,025,000 - & - Sussex (N. J.) - 100 317,870 J. & J. Jan. 72 24 " preferred - 100 4,3	4,000,000 F.M.A 4,000,000 F.M.A 5,700,000	M.A.N Aug.'7
June 1901 - 1901	4,300,000 — & 1,250,000 J. & 1,000,000	& - J. & J. Jan. 7
Jonet & North indiana 100 300,000 J. & J. July '72 4 Terre Haute & Indiana 100 1,985,150 J. & J. July '72 5 Union Trust	1,000,000 J. & 6,000,000 F.M.A 1,500,000 J.	J. & J. Jan. '7 M.A.N Nov. 7
Lewisenor*	5,000,000 J. & 35,000,000 J. & 3,400,000 M. &	L & J. July'7

# NATIONAL AND STATE SECURITIES.

	Amounts outstand- ing.	Rate.	Payable.	WHEN PAY- ABLE,	Market Price.	ar il a sul a sul a parametra de la composición de la composición de la composición de la composición de la co	Amounts outstand- ing.	Rate. 1	Payable.	PAY- ABLE	
National Securities Nov. 1, 1872. Loan of June 14, 1858registered	\$6,045,000	5	Jan. & July.	1874	1094	Massachusetts—(\$30,712,882): State (public works) scrip, '72	708,000	5	Various.	'72-'80	
Loan of February 8, 1861registered	13,955,000 13,737,000	6	Jan. & July.	1874 1880	110	State (public works) scrip	2,800,000	6	June & Dec. Jan. & July.	172-177	ios
a	4,678,000 945,000	6	Jan. & July.	1880 1881	1161	Union Fund Loan, 1862	600,000 888,000	5	4 4	'77-'78 1883	3
Oregon War Bonds of March 2, 1861 coupon Loan of July 17, and Aug. 5, 1861registered	125,874,450	6	Jan. & July	1881	116	Bounty Loan, 1864	4,379,500	5	May & Nov.	1894	98
Loan of Feb. 25, 1862 (5-20s)registered	82,561,100	6	May & Nov.	1881 1882	116	Bounty Loan, 1864. Bounty Loan, 1864, £826,600 stg War Loan (6-20) cur. 1866	4,000,744 2,551,500	6	Mar. & Sept.	1894	***
oan of March 3, 1863registered	53,448,550	6	Jan. & July.	1882 1881	1128 116	R. R. & Hoosac T. bonds, £1,448,700 stg.	7,175,451 1,166,500		April & Oct.	'88-'93 '90-'98	
oan of March 3, 1864 (5-20s)registered	21,551,450 2,298,000	6	May & Nov.	1881 1884	116	Michigan—(\$2,332,293):	8,599,024	5	Jan. & July.	1900	
oan of June 30, 1864 (5-20s)registered (5-20s)coupon	33,366,400	6	May & Nov.	1884 1884	112	Canal Bonds, 1859	\$1,000 . 445,000	6	Jan. & July.	1879	
oan of March 3, 1865 (5-20s)registered	36,748,450	6	May & Nov.		111	\$2,000,000 Loan Bonds, 1863	431,000 718,000	6	4 4	1878	
(6-20s)coupon 2d series (5-20s)registered	59,036,650	6	Jan. & July.	1885	115	\$2,000,000 Loan Bonds, 1863	463,000	7	May & Nov.	1890	
(5-20s)coupor 3d series (5-20s)registered	90,771,100	6	Jan. & July	1885	1154	Bounty (War) Bonds, 1865	160,000		Jan. & July.	1878	
(5-20s)coupon 4th series (5-20s)registered	225,740,250 13,696,500	6	Jan. & July.	1887 1888	1154	Minnesota—(\$350,000): Sioux War Bonds, 1862	100,000 250,000	7	May & Nov. Jan. & July.	1872	
(5-20s)coupon oan of March 3, 1864, (10-40s)registered	25,042,900	5	Mar. & Sept	1888	115	Missouri—(\$17,669,000):	2,275,000		June & Dec.	1883	
(10-40s)coupon on sols of July 14, '70 & Jan. 20, '71 registered	55,147,450	5	F. M. A. & N.	1904	108	State Bonds, proper, 1865-'68	489,000 1,589,000	6	Jan. & July.	182-190	
coupon	72,564,550	5	66 66	1881	110	S. W. Br. of Pacine R. R. bonds, guar	14,496,000	1	4 4	74-90	0 9
onsols registered coupon	*******	44	F. M. A. & N.	1886		State Bonds, funding, 1867-68 Nevada—(\$660,000):	2,727,000	6	LA CALLES	'76-'91	
onsols registered coupon		4	F. M. A. & N.	1901	****	New Hampshire—(\$2,405,400):	680,000	10	Mar. & Sept.	1 200	1 300
em. Cer. of Mar. 2, '67, and July 25, '68.(cur.) Tavy Pension Fund of July 23, 1868(cur.)	5,030,000	3		Dem. Irred.		War Loan Bonds, July 1, 1861	812,000 600,000	6	Jan. & July. Mar. & Sept. April & Oct.	71-76	8
ertificates of Indebtedness 1870(cur.) acific R. R. Bonds(currency)	678,000	6		1875	1134	War Loan Bonds, Oct. 1, 1866 New Jersey—(\$2,896,200):	750,000	0	April & Oct.	172-174	4
J. S. Notes and Fractional Currency	402,969,6.8		our would			War Loan Bonds, 1661, tax free	1,200,000	6	Jan. & July.	73-184	4
State Securities, latest dates.						War Loan Bonds, 1863, tax free War Loan Bonds, 1864, tax free	1,002,000 584,400	6		'86-'91 '97-'0	
dabama—(\$15,42 ,000): Bonds (old and extended), 1866 and '72	2,582,800	5	May & Nov.	186-192		New York—(\$38,121,606): General Fund Stock	900,000	5	J. A. J. & O.	1875	1.
Bonds (new), 1866, '68 and '72	2,386,000 2,620,000	8	Jan. & July.	'86-'92 '80 '91	85	General Fund Stock	800,000 848,107	6	4 4	1878 pleas	
Rairoad Londs endorsed, 1870 and '71 rkansas—(\$ 0,800,000):	13,600,000	8	** **	'90-'91		General Fund Stock	1,189,780 1,106,420	6	4 4	pleas. 1874	
Funded Bonds, 1869 and 70	2,850,000	6	Jan. & July	29-100		Canal Stock	7,408,000	6		172-171	8
Levee Bonds, 1871	300,000	7	66 66		****	Canal Stock Canal Stock Bounty Loan Bonds, 1867, regist-red	2,572,000 880,000	8		1877	1
Railroad Aid Bonds, 1869 '70 and '71 alifornia—(\$3,31,500):	5,465,000	7	April & Oct	. '89-'91		Bounty Loan Bonds, 1887, coupon	20,675,000 1,872,000	7	Jan. & July.	1877	10
Civil Bonds 1857 and '60	2,108,000 954,500	7	Jan. & July	177-180		North Carolina—(\$29,900,045): State (old) Bonds 1848 to 1860	4,788,000		Jan. & July.	10376.9	14
State Capital Bonds, 1871	250,000	7	"	1891		State (old) Bonds 1848 to 1860	3,639,000	6	April & Oct.	172,100	9
War Loan, July 1, 1861, (10-20s)	706,700	6	Jan. & July	1871	08	State (new) Bonds, 1867 to 1870	1,889,000	6	April & Oct.	1'92-'91	6
War Loan, Jan. 1863 and '64 (208) War Loan, Oct. 1, 1864 (10-308)	935,500	6	April & Oct	. 1874		Funding (Debt) Bonds, 1866	1,821,400	6	Jan. & July. April & Oct.	1878	2
War Loan, Oct. 1, 1865 (20s) tax free	-11	6		1885	****	Special Tax Bonds Ohio—(\$9,022,721):	1	6		,88-,8	0 1
Cenvention Bonds 1868	30,000 191,000	8	April & Oct Various.	1888		Loan of 1860 Bonds, skg f'd		6	Jan. & July.	1870 1875	
Bonds, 1871Loan to Jack., Pensa., & Mob. R.R., 1870	210,000	8	Various. Jan. & July	1901		Loan of 1860 Bonds, skg fd Loan of 1856 Bonds, skg fd	1,495,309	6	4 4	1881	
reorgia-(\$10,494,500):	-	1.				Oregon—(\$290,527):		1	0.16	10 Mer	
Bonds for W. & Atl. R. R. 1842, '43, '44&'48 Bonds for W. & Atl. R. R. 1842 and 1848.	276 500	6	Various.	72-74	88	Bounty and Relief Bonds of 1864		7	Jan. & July.	1890	
Bonds for Atl. & Guif R.R., '58, '59, '60&'61 Bonds for Atl. and Gulf R. R., 1666	200,000	6	Feb. & Aug	. '78-'81 '81-'8		Pennsylvania—(\$29,272,956): Loan of Feb. 1867 (5-10s)	92,850	1 5	Feb. & Aug.	172-17	7
Bonds of Act of March 12, 1866 Bonds of Acts of Sept. and Oct. 1870	8,900, 00	7	Jan. & July Various.	. 1886		Loan of Feb. 1867 (5-10s)	8,786,550	6		172-17	7 10
Railroad endorsements, to July 1872	12,000,000	7	Various.	90-19		Loan of Feb. 1867 (10-15a)	7,890,550 723,950	6		777-18	2 10
Interest Bonds, inseribed stock, 1847		6	Jan. & July			Loan of Feb. 1867 (15 25s)	9,271,850	6	4 4	182-19	2110
Refunded Stock Bonds, 1859	102,000	6	44 66	1880		Inclined Plane Loan, of April 1849 State Stocks (old)	1,997,050	6	April & Oct. Feb. & Aug.	1879 1871	
War Loan Bonds, 1861	417,000 250,000	6		1880		(old)(old)	*******	44	Jan. & July.		8
ansas—(\$1,336,675): State Bonds (various) 1863 to 1864	110 675	6	Jan. & July	183-18		Rhode Island—(\$2,770,000): War Bonds of Aug. 1862		8	Mar. & Sept.	1882	
State Bonds (various) 1861 to 1869	1 006 000	7	" " "			of Jan. 1863	200,000	0	April & Oct.	1893	
entucky—(\$2,750,810):  State Bonds 1836 and '43		5				of May 1864	829,000	6	Feb. & Aug.	1893 1694	
State Bonds, 1840 to 1851	683,000 809,000	6		71-7		South Carolina—(\$15,857,327): State House, Stock and Bonds '58-'66	1,288,188	8	Jan. & July.	71-90	0
ouisiana—(\$21,214,800) : State Bonds, to R. R. Co's, 1840 to 1866.	1,830,000	6	Various.	193-198		Funding Stocks & Bonds '66-'68'66'69	1,750,000 2,262,714	6	Jan. & July.	1868	7 9
Deficiency (Treasury) Bonds 1853 Funded coupons (new) 1866-'68	750,000	6		1893		Funding Stocks and Bonds	899,000 970,000	7	4 4	1888	
Levee Bonds 1867	4,000,000	6	May & Nov	. 1907 1886		Conversion Bonds 1869	7,871,700	6	Andl & Oat	1888	
1870	1,000,000	8 80	Mar. & Sept	1875		Tennessee—(\$30,952,156):	MATTER PROPERTY.	10	April & Oct.	F-0(81050)	
Penitentiary Bonds, 1869	500,000	8 7	Mar. & Sept	1899		Railroad Loan Bonds	4,819,544	6	April & Oct, Jan. & July.	long.	
<ul> <li>State B'ds(N.O., Mob.&amp;Chat.R.R.)'70, '71</li> <li>Redemption (certificates) Bonds 1866</li> <li>Int. (Miss.&amp; Mex. G.S. Can.)Bonds 1869</li> </ul>	3,250,000 250,000	8	Jan. & July	1906		Endorsements	9,000,000	6	Jan. & July.		1
Int. (N. La. & Tex. R. R.) Bonds 1869	480,000 546,000	7.3	Mar. & Sept	1889		Texas—(\$3,397,325): Frontier Protection Bonds, gold, 1870	1000	7	Jan. & July.	190.11	
Maine—(\$7,227,900):	071 000				1	Deficiency Bonds, 1871	257,000	10	Mar. & Sept.	1876	1::
War and Bounty Bonds, 1863 and '64.	2 832 500	6	4	'73-'78 '83-'8	994	Vermont—(\$822,000): War Loan Bonds, coupons		6	fune & Dec.	71-7	e M
Municipal Equalization Bonds		6				Virginia—(\$46,926,208):	The second second	0	AL PLACE CALL	771-77	8
Bonds to R. R. and Canals, 1827-'47		5	J. A. J. & O	1890 1890		State Stock (old) registered	11.105.000	6	Jan. & July.	'86-'00	9
Bonds to K. K. and Canals, 1834-29	590,040	6		1890		State Bonds, sterling coupon	1,865,000	1 5		186-100 186-100	9.
Bounty War Bonds, 1868	8,630,545 \$11,855	6		1885	1003	Funded Interest sterling, 1947	606,260	10	200000	700'8	41 4

Asterick (\*) affixed to rate of Interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	- In	nerest.	Payable.	Due.	Price	Description of Bonds.	Amount.	Rate.	Interest	rayabie.	Due.
areactiphon of aronas		R	Whe	m.	Where.	A	E.			H	When.	Where.	A
dirondack:								Brunswick and Albany:					
1st Mortgage	\$980,000	7	Jan. &	July.	New York.	1886		lat Mort.(gold)end. by Ga.tax fr. 2d Mort. sinking fund gold	\$3,630,000 2,350,000	7*	April & Oct.	New York.	1908 1893
lahama Central:	1,600,000	8	Jan. &	July.	New York.	1901		Buffalo, Bradford and Pittsburg:	2,000,000				
labama and Chattanooga:		8*	Tom &	Techni	Now York	1889		General Mortgage	880,000	7	Jan. & July.	New York	1896
lat Mortgage, guar. by Ala	9,000pm	8	Jan. &	July.	New York.	1889		Buffalo, Corry and Pittsburg: 1st Mortgage	700,000	7	March & Sept.	New York.	1886
2d Mortgage						****		Dunaio, New Lork and Erie;					
let Mortgage, guar.by Ala.& Ga. Ibany and Susquehanna:	16,000pm	8	Jan. &	July.	New York	1891		1st Mortgage 2d Mortgage sinking fund	2,000,000 380,000		June & Dec.	New York.	1877 1872
1st Mortgage	1,000,000	7	Jan. &	July.	New York.	1888	981	Buffalo, New York & Phila.:					
2d Mortgage	2,000,000	7	April &	Nov.	44 44	1885	95	lst Mortgage Burlington, Cedar Rapids & Minn.:	3,000,000	6	Jan. & July.	New York.	1896
Albany Loan	1,000,000		ii u	4	Albany.	1895		1st Mortgage coin or stg skg f'd	20,000pm	7*	May & Nov.	N. Y. & Lond	1899
Albany Loanlexandria and Fredericksburg:	1 000 000	-	T 6			1000		Burlington and Missouri River: Land and R. R. Mortgage	5,058,350	-		_	1893
1st Mortgagellegheny Valley: General Mortgage	1,000,000	7	June &	Dec.	New York.	1896	****	Stock Bonds pref. 2d lien	600,000		Jan. & July	Boston.	1875
General Mortgage	4,000,000		March d	k Hept	New York.	1896	94	Stock Bonds pref. 3d lien			11 11	44	1878
Special Mortgage to Penn ndroscoggin:	3,500,000	0	******		Harrisburg.	****	****	Stock (common) Bonds Stock (common) Bonds	980,000 899,500		Jan. & July	"	1879 1894
1st Mortgage (Bath Loan)	425,000	8	Jan. &	July.	Bath, Me.	1891		Stock (common) Bonds	1,377,840		4 4	"	1889
rkaneas Central (narrow gauge)	8,000pm	88	Ton &	Tuler	Now York	1891	70	Burlington & Mo. Riv. in Neb.: 1st Mortgage convertible	5,587,971	8	Jan. & July	Boston.	1894
1st Mortgagetehison and Nebraska:	a,ooopin		Jan. &	July.	New York.		1.0	Burlington and Southwestern:		1		Doston.	
1st Mortgagetchison, Topeka and Santa Fe:	3,500,000	8	Jan. &	July.	Boston.	1891	****	1st Mortgage	20,000pm	8	May & Nov	Boston.	1895
tchison, Topeka and Santa Fe: lat Mortgage (gold)	15,000pm	7*	Jan. &	July	Boston.	1899	871	Cairo and Fulton (Arkansas): 1st Mort. (R.R.& lands) S.F.gold	8,000,000	7*	Jan. & July	New York.	1891
Land Grant Mortgage (gold)				k Oct.		1902		Cairo and St. Louis (3 ft. gauge):	1	-			
tlanta and Richmond Air Line:		8				1900		Cairo and Vincennes:	2,250,000	7	April & Oct	New York.	1901
ist Mortgage (guar. by Ga.)tlantic and Great Western:	1	1	Jan. &	July.	New York.	1900	****	1st Mortgage, gold	3,500,000	7	April & Oct	New York.	1901
1st Mortgage (gold)	18,000,000	74	Jan. &	July.	London.	1902		Camden and Atlantic:	1	-			
2d Mortgage (gold)	29,000,000	72	March	Nov.	44	1902 1902		1st Mortgage of 1858 2d Mortgage of 1854	490,000				1879
tlantic and Gulf:								Camden and Burlington County:		1	•		
Consolidated(285 m.)free U.S.tax	2,000,000	7	Jan. &	July.	New York.	1897		Consolidated 1st Mortgage Canada, Michigan and Chicago:	288,000	6	Feb. & Aug	Philadelphia	70-
Sectional (S.A. & G. R.R.) bonds Int Mortgage (S. Ga. & Fla. R.R.)	464,000		May &	Nov.	44 44	var. 1888		lat Mort. (skg fd) for \$2,750,000		7		New York.	
2d Mortgage (S. Ga. & Fla. R.R.	200,000		"	46	44 44	1889		Canada Southern:					
tlantic and Lake Erie: 1st Mort. (gold) for \$5,000,000		70	Jan. &	July.	New York.	1901		lst Mort (skg fd)g'd for \$9,000,000 Carthage & Burlington (C.B & Q.)		7	Jan. & July	New York.	1906
tlantic, Miss. and Ohlo (428 m.)							1	1st Mortgage guar, and tax free.	600,000	8	May & Nov	New York.	1879
1st Mortgage for \$15,000,000		7	Jan. &	July.	New York.	1901	****	Catawissa:	230,000	7	Fi-1 6 A		1882
tiantic and North Carolina .	200,000	8	Jan. &	July	New York.	1873		1st Mortgage (old)	1,800,000		Feb. & Aug	Philadelphia.	1900
ist Mortgage								Chattel Mortgage	208,850	10	16 46	46	380-
Land Mortgage gold bonds 1st Mort. (So. Pac. R. R.)gold b'de	3,000,000			July.	New York.	1888 1888	****	Cazenovia and Canastota:	250,000	7	Feb. & Aug	New York.	1890
tiantic and St. Lawrence:	1,200,000	1				1000		1st Mortgage, gold	200,000	1 -	Dec. of Mug	New Tork.	
1st Mortgage (sterling) of 1858				Nov	London.	1878		1st Mort. (C. F. to Waverly)	. 294,000		April & Oct.	New York.	1884
2d Mortgage (sterling) of 1864 3d Mortgage (sterling) of 1871	1,499,966	6	April May	Nov	- 66	1884 1891	****	1st Mort. (W. to Minn. Line) Cedar Rapids & Mo.Riv.(C&NW)	1,877,000	1.	Jan & July		190
1st Mortgage, Portland Loan ald Kagle Valley:	787,000	6	"	66	N.Y.& Boat's			1st Mortgage, 1st Div. \$10,000pm	700,000		Feb. & Ang	New York.	1891
ald Magie Valley: 1st Mortgage	871,200	6	Ton &	Tooler	Philadelphia	1881		1st Mortgag 2d Div. \$10,000 p. m 1st Mortgage 3d Div. \$16,000 p. m	. 582,000 2,332,000		May & Nov	4 4	1894
2d Mortgage		7	Jan. &	July	Philadelphia	1884		Central Branch Union Pacific:		1 -			
2d Mortgage	000 050	a		* 1	D 10	1075	071	1st Mort. (Atch.& Pike's Peak).	1,600,000		1		1898
Loan of 1855-'75 Loan of 1850-'80			Jan. &	July	Baltimore,	1875 1880	971	2d Mortgage Governm't subsidy Central of Georgia:	1,600,000	6	Jan. & July		1895
Loan of 1858-'85	1,710,500	6	April			1885	94	1st Mortgage	789,000	0 7	March & Sep	New York.	1876
Loan of 1855-'90 (Balt.) skg fd. Loan of 1870-'95 (stg.) skg fund	3,645,683 8,788,752	6		July	Tondon	1890 1895		Central of Iowa: 1st Mortgage, gold, \$16,000 p.m.	3,248,000	0 7	Tan & Inly	Now Voul	1899
2d Mort.(N.W. Va.R.R.) assume	485,500	6	Jan. &			1873	100	2d Mortgage, gold, \$4,000 p. m.	812,000				1901
8d Mort. (N.W. Va.R.R.) assume		6	46	64	. 44	1885	92	Central of New Jersey:			-		108
latimore and Potomac: 1st Mort. (Tunnel) gold guar	1,500,000	6	Jan. &	July	Baltimore.	1911		2d (now 1st) Mortgage (balance New Mortgage for \$5,000,000	170,000		May & Nov Feb. & Aug		1878
1st Mortgage (R. R.) gold guar.				& Oct		1911		New Mortgage for \$5,000,000 Loan of Leh.C. & Nav.Co.(asu'd	2,310,000				
langor and Piscataquis:	800,000	a	Annell	& Oat	Danger	1899		Central Ohio (B. & O.:)  1st Mortgage guaranteed	. 2,500,000	0 8	March & Sept	Politimore	1890
1st Mortgage (Bangor loan) 1st Mort. (Bangor loan) extens':		100		w Oct	Bangor.	1901	****	Central Facific of California:					
ay City and East Saginaw :								1st Mortgage, 30 years bonds,gold	25,885,000	0 6		. New York.	195-
1st Mort. guar.by F.& P.Mrq.Co	100,000	10	Jan. &	July	Detroit.	1886		Convertible 20 years bonds, gold State Aid B'ds(Int.by State)gold	1 1.500.000		* 4 4	44 44	188
1at Mortgage	. 500,000	8	April	& Oct	. Philadelphia	1891		1st Mort. (Western Pacific) gold 1st Mort. (Calif. & Oregon) gold 1st Mort. (S. Fr., Okld & Ala.). 1st Mort. (San Joaquin V.D.) gold 1st Mort. (San Joaquin V.D.) gold 1st Mort. (San Joaquin V.D.) gold	2,785,000	0 6		44 44	1899
elfast and Moosehead Lake: 1st Mortgagn (gold)	150,000		May 8	Non	Portland.	1890		1st Mort. (Calif. & Oregon) gold	1,500,000	0 6		San Francisco	189-
elleville and couthern Illinois:		1_						lat Mort. (San Josquin V.D.)gold	6,050,000	0 6	* April & Oc	New York.	190
1st Mort., guar. by bt.L.A.& T.E	1,100,000	8	April	& Oct	New York.	1896		Land bonds (Cen. Pac. Co.) gold Chuleston and Savannah:	9,158,00	0 6		44 44	189
eloit and Madison (C. & N.W.) 1st Mortgage		7	Jan. &	July	New York.	1888		1st Mortgage guar. by S. Car	. 605,00	0 6	March & Sep	t. Charleston.	187
lalvidere Delaware:		1						1st Mortgage guar. by S. Car Funded Interest on 1st Mort	157,40			4	188
1st Mortgage (guar. by C. & 2d Mortgage A. Co. and	1 400 50		June March	& Dec	. New York.			Charlotte, Columbia & Augusta 1st Mortgage		0 2	Jan. & July	New York.	189
ad Mortgage / Penn. R. R. Co.	745,00		Feb. d			1887		Chartiers:		1.			
Ina Ridge. (S. Car.):								1st Mort., guar. by Penna Cheraw and Darlington:	400,00	0 3	April & Oc	. Philadelphia	. 190
1st Mortgage guar, by State.gol	9,000,000	1	* Jan. A	e July	. Charleston	1898	****	1st Mortgage dated Jan. 1, 1871	. 150,00	0 8	April & Oc	. Charleston.	188
Currency bonds of Feb. 1, 1872	. 1,500,000	0 7	Feb. &	k Aug	Boston.	1892	103	2d Mortgage dated Jan. 1, 1869	75,00		Jan. & July	7. 66	188
octon, Clinton and Fitchburg: 1st Mortgage (Agricultural Br.)	400,00	0 6				1884		Cheraw and Salisbury: 1st Mortgage for \$250,000		. 8	Jan. & Jul	Charleston.	189
1st Mortgage (Equalization)	. 248,00	0 7	14	, oui	44	1889	90	Cherokee '		1.			
let Mortgage (consolidated)	. 168,00	0 7		4 4	66	1890	90	1st Mort. guar. by Ga. \$12,500p.n		13	June & De	c. Atlanta.	189
Equipment Mortgage	100,00	0	April	e Oct		1881	95	Cherry Valley, Sharon & Albany 1st Mort. con. guar. by A.& S.Co	800,00	0 1	June & De	c. New York.	189
Binking Fund (consolidated)	. 624,00			k July	Boston.	1889		Chesapeake and Ohio:					
1st Mortgage (71 m.)	. 76,00	0 6	Feb. d	& Aug	New York	1865		1st M.(gold) skg fd for \$15,000,00	0 10,000,00	0 6	May & No	v. New York.	189
let Mortgage (224 m.) convertib	e 150,00 200 00			E July	New York	1870			100,00	0 0	Jan. & Jul	y	• 188 187
loston, Hartford and Erie:		1		-				8d Mort. ( " ) coupoa	. 918,00	10		44 64	188
1st Mortgage (old)	. 660,00					1884		Income ( " )coupon	. 300,00	100		66 66	187
1st Mortgage (Berdell)	5,000,00		Jan. d	w July	New York	1899		Funded Interest, coupon Cheshire:	160,50	00		1 "	187
Mass. L.(sec'r'd by\$4,000,000Ber	3,000,00		W 65	. 66	4 4	1898		Coupon bonds (no Mort.)	809,40	0 0	Jan. & Jul	y. Boston.	775-
Easton and Lowell:		1						Chaster Creek:					100
les Morigage	200,00	0 6	April	# Oc	Boston,	1876	95	1st Mortgage, guar, by P.W.&	3. 185,00	10	Jan. & Jul	y. Philadelphi	TA LA

An Asterick (\*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amou	nt. Bate	-			st P	ayable.	Dufe.	Price.	1	Description of Bonds.	Amount.	Rate.	When.	Where.	Due	Prio
Chester & Chicago Br. Junction					hen.	-	Where,		-		inc. & Indiana (Ind. C. & La.F.): 1st Mortgage guaranteed	eson 000		June & Dec.	New York.	1892	
1st Mort. for \$1,000,000 skg fur Dhester and Tamaroa:			- 1			- 1	St. Louis.	1877		1	1st Mortgage guaranteed inc., Richmond & Fort Wayne: 1st Mortgage gold, guar incinnati, Sandusky and Clev.: 1st Mortgage (C. S. & C.) 1st Mort, (San, Day, & Clin,) S.F. 1st Mort, (San, Day, & Clin,) S.F. 1st Mort, (San, City and Ind.).	1,500,000		Jan. & July.	4 4	777-757	***
1st Mortgage	. 660,	,000	1*	May d	k No	v.	New York.	1901		C	lnc., Richmond & Fort Wayne: 1st Mortgage gold, guar	1,800,000	7*	June & Dec.	New York.	1921	
hester Valley: 1st Mortgage (in default) Thicago and Alton:	. 500,	000	7 1	May d	k No	v. I	Philadeiphia.	1872		Ci	incinnati, Sandusky and Clev.:	1,067,423	7	June & Dec.	New York.	1890	
Thicago and Alton: 1st Mortgage, pref. sinking fun	d. 256,	,000	7	May	& No	V.	New York.	1877	100		1st Mort. (San., Day. & Cin.)S.F.	988,000	6	Feb. & Aug.	Boston.	1900	
1st Mortgage	2,400	,000	7	Jan. d	k Ju	ly.	44 44	1893 1883	103	C	1st Mort. (San. City and Ind.)	250,000	7	March & Sept.		2390	
2d Mortgage Income	d 564	,000	7	April			44 44	1894		10	incinnati and Springfield: 1st Mortgage for \$2,000,000(guar)		7	April & Oct.	New York.	1901	
2d Mort. ( " ) " Chicago, Burlington and Quiney	188	,000	7	Jan.	& Ju	ly.	4 4	1898		10	incinnati and Terre Haute: 1st Mort.(Ind.Div) for \$6,000,000	10.000	7	_ & _	New York.	1901	
Trust Mortgage skg fund	2,825	,000	8	Jan.	& Ju	ly.	New York.	1883	113	C	incinnati, Wabash and Mich.:		7	Jan. & July.	New York.	1891	
Trust Mortgage, skg fund conv Trust Mortgage (Burl. to Peori	150		8 7	April	* 0	et.	44 44	1883 1890	99	I C	1st Mortgage for \$16,000 p. m lev., Col., Cin. & Indianapolis:		10	NOTE OF THE PARTY.	1 1 1 1 1 1 3 A	1809	10
2d Mort, (Northern Cross) gold	941		44		uly.	-	Frankfort.	1890	****		1st Mortgage sinking fund	2,064,000 823,000		June & Dec	New York.	771-18	4
Loan of 1872 1st Mort. (Am. Cen. R.R.) gus	738	,000	8	Jan.	& Ju	ly.	New York.	1902 1878	****		1st Mortgage sinking fund 1st Mort. (C., C. and C. R. R.). 1st Mort. (Bell. and Ind. R.R.).	616,000	0 7	Jan. & July.		170-19	6
1st Mort. (Peo. & Han.) guar	600	,000	8	66		16	44 44	1878 1879		O	llev. & Mahoning(A.& Gt. Wtn.)	650,00	0 7	Feb. & Aug	New York.	1878	1.
1st Mort. (Keok. & St. Paul)gu. 1st Mort. (Dix., Peo. & Han) gu	ar 800		8	April Jan.	& Ju	dv.	44 44	1889	954		1st Mortgage 1853 3d Mortgage (sinking fund) 185	487,90	0 8	March & Sept	4 4	1876	
1st Mort. (Car. & Burl.) guar	600	0,000	8	May Jan.	& N	ov.	4 44	1879 1890	1007		1st Mort. (Branch) 1863	. 11,00			MALE STATE OF THE	100	1
1st Mort. (Quincy & War.) gua 1st Mort. (O. O. & Fox Rv.) gua	1,260	0,000	8	4	a 00	uy.	66 66	1900	100		lev., Mt. Vernon and Delaware: 1st Mortgage gold	1,500,00	0 7	Jan. & July	New York.	1900	1.
let Mort. (O., O. & Fox Rv.)gu. let Mort. (Ill. Gr. Trunk) guar	960	,000	8	April	& C	ct.	u u	1890	101	0	Dieveland and Pittsburg (Pa.Co.) 2d (now 1st) Mortgage guar	100,00	0 7		New York.	1878	1
Thicago, Cincinnati and Louisv. 1st Mortgage Chicago, Clinton & Dubuque	1,000	0,000	7	Jan.	& Ju	ıly.	New York.	1887		- 11	3d (now 2d) Mortgage guar	1,000,00	0 7	May & Nov		1875	
Chicago, Clinton & Dubuque	1.500	0,000	8	Jan.	& Jr	ılv.	Boston.	1896	80	11	4th (now 3d) Mortgage guar Consol. sinking fund guar	* 500 00	0 7	May & Nov Jan. & July May & Nov	4 4	1900	
1st Mort. guar. C., B. & Q Uhicago, Danville and Vincenne	B:									C	Colebrookdale:	E 04 70		June & Dei	2	1893	1.
Tar mortgage (III. Div) gold.	20000	0,000	7*	April	& (	et.	New York.	1909 1912	90	0	1st Mort. guar. by Ph. and Rdg Colorado Central (3 ft. gauge) :		1.	1100	0.2037,000		1
1st Mortgage (Ind. Div.) gold Chicago, Dubuque & Minnesota	:	,		*			D		80	11	1st Mortgage	225,00	8	June & Dec	Boston.	1890	1
1st Mortgage guar. \$25,000 p. i Chicago and Illinois Southern :	n	****	8	June	& L	ec.	Boston.	1896	00	110	Columbus, Chicago & Ind. Cent. 1st Mortgage Consol. skg fund.	10,044,10			New York.	1908	T
18t Mortgage for \$19.000 b. m.			8	March	h & Se	pt.	New York.	1900	****		2d Mortgage Consol. skg fund.	3,679,90	100	Feb. & Au		100	4
hicgago and Iowa: lat Mortgage for \$2,200,000	1,750	0,000	8	Jan.	& Ju	ıly.	New York.	1900	95	110	Columbus, Springfield and Cin.: 1st M.(assumed by Cinn., S.& C	1,000,00	00 7	March & Sep	New York.	1901	
hicago, Iowa and Nebraska:		2,000	7			-		1880			Columbus and Hocking Valley:	1 * * * * * *	00 7	April & Oc	New York.	1897	a
2d Mort. (now 1st) guar. C&N 3d Mort. (now 2d) guar. C.&N				Jan. Feb.		ug.	Boston. New York.			1.1	1st Mortgage skg fund 1st Mortgage (Branch)		00 3	Jan. & July	7. 4 4	1880 1891	4
hicago and Northwestern:		5,500	7		& A		New York.	1885	98	1	1st Mortgage (Branch) General Mortgage Columbus and Xenia:	1,000,0	00 7	April & Oc	PROCEDURE OF BUILDING	1	
Preferred sinking fund (198 m Funded coupons (193 m.)	75	5,000	7	May	& N	ov.	66 (6	1883	100		1st Mortgage, guar by Pa. Co. Connecticut and Passumpsic Riv	302,0	00	March & Sep	t. New York.	1860	1
General 1st Mortgage (193 m.) Appleton Ext. (23 m.& 76,000	0,000	2,000	7	Feb.	& A	ug.	44 44	1885 1885	99	. 1	Connecticut and Passumpsic Riv 1st Mortgage sinsing fund	448,1	00	June & De	c. Boston.	1876	
Green Bay Ext. (26m & 76,000	a.) 30	0 000	7	44		"	44 44	1885	****	.	Notes payable, conv. at par 1st Mort (Massawippi) guar. go	594,0	00			1876	
Equipm't (Engs. & Cars \$400,0 1st Mort. (Gal. & Chic. 248 m.		1,000 5,000	7		& A		44 44	1874 1882	100	. 11	1st Mort (Massawippi) guar. go Connecticut River:			-	CHECK STATE STATE OF	CHARLES NO.	5.
2d Mort, (Gal. & Chic. 248 m.	94	8,000	7	May	& N	Tov.	46 66	1875		- 11	1st Mortgage skg fund	250,0	00	March & Sep	Boston.	1875	1
Miss. Riv. Bridge (") Elgin & State Line(")		0,000 £,000	7	Jan.	or J	uly.	86 86	1884 1878	****		Connecticut Valley: 1st Mortgage	1,000,0	00	7 Jan. & Jul	y. New York	1901	
1st Mort. (Peninsula 79m. & las	(d) 76	7,000	7		h&B		4 4	1898 1915	88		Connecticut Western:		00	Jan. & Jul	v. Hartford.	1390	,
Consol. skg fund (C.& N.W.R Equipm't(Eng & Cars, \$2,750,0		0,000 5,000	7	May	A. &	Vov.	44 44	1871		-	1st Mortgage for \$2,500,000 Connecting (Philadelphia):			A 14.00		100	
1st Mort. (Madison Exten.) go	ld. 3,15	0,000	7*	46		66	44 44	1911		. 11	18t Mort. ABCD&E3200,000ea	CDI Tionoin	00	March & Be	pt Philadelphi	a. 1.2.	
1st Mort. (Menominee Ext.) g	ar. 89	7,000	7*	May	& 1	Nov.	44 46	1874		.	Cooperstown and Susq. Valley: 1st Mortgage	100,0	000	7 March & Se	ot. New York	1880	,
2d Mort. (Mil. & Chi.R. R.) gt	ar. 18	2,000 0,500	7	Feb.	de 1	lug.	44 44	1874 1898			Cowanesque Valley: 1st Mortgage, gold		000	7* Jan. & Ju	y. New York	. 190	2
1st Mort. (Chic.& Mil.R.W.)g	uar 1,13	5,000	7		& j		66 86	1898	93	3	Cumberl'd & Penn. (Consol, Coa	D:		1	- PITTLE TOTAL		
1st Mort. (Bel. & Mad. R. R.) or	ar od	3,000	7	**		•	44 44	1888		. 11	1st Mortgage	709,0		7 March & Ser 7 May & No	ot. New York	188	8
Chicago & Northern Pac. Air- 1st Mort. (skg f'd gold \$25,000)	m)		7*	June	& 1	Dec	New York	1902		.	2d Mortgage, sinking fund Cumberland Valley:			8 April & O	ct. Philadelphi	in. 190	4
unicago & Mich. Lake Shore:		0,000	8	May	4 1	Nov	New York	. 1886	80	0	let Mortgage2d Mortgage	109,	500	8 4	4 4	190	8
1st Mort. of Sept.1, '69, \$16,000 1st Mort. of Nov. 1, '71, \$16,000	pm ·		8	Marc	ch & S	lept.	4 4	1893			Plain honds	81,8	300	6 Jan. & Ju	ly.	188	
Chicago, Omaha and St. Joseph 1st Mortgage for \$8,000,000			8	1	1 &			190			Danbury and Norwalk. 1st Mortgage of July 1, 1860	100,0	000	7 Jan. & Ju	ly. New York	188	
Unicago and Paducah (C. B. & C	1: (.(			1							1st Mortgage of July 1, 1870 Danv., Hazleton & Wilkesbarre	200,0	000	7 "		189	0
1st Mortgage \$26,000 p. m. go Chi., Pekin & Southwrn (CB&	Q):	•••••	7		•••••	••••	Boston.	190		•	1st Mortgage	1,400,	000	7 April & O	ct. Philadelph	ia. 188	7
Ohicago Rock Jeland and Pool	id.	00,000	7	Feb.	& .	Aug.	Boston.	190		•-	lst Mortgage	m 3,000,	000	7* Jan. & Ju	ly. New York	189	0
1st Mortgage (C. & R.I.) bala	nce 10	04,000			& 3	July.	New York	. 1870			Dayton and Michigan (C.H. & D	.):			The state of the party of	-5 6 3	
1st Mortgage (C. & R.I.) bala 1st Mortskg fund(C.,R.I.& P Chi. & Southwes'n(C.,R.I.& Pa 1st Mort, gold tay free guar	ac.) 8,60	00,000	7	- 66		"	" "	189			1st Mortgage sinking fund gui 2d Mortgage, guar	ar. 2,783,	000	7 Jan. & Ju 7 March & Se	pt. " "	188	7
1st Mort. gold, tax free, guar.	5,00	00,000	7	May	& 1	Nov.	New York	188			3d Mortgage, guar Toledo Depot bonds guar		000	7 April & O	ct. " "	188	
lat Mort, gold, tax free, guar., lat Mort, gold, tax free, guar., lat Mortgage gold, Atchison i Ohicugo & Wisconsin Midland lat Mort, g'd skg fd for \$41,000 Chicago and Superior: lat Mortgage Mad. & Portage lat M. (Chi. & Sup.)g'd \$5,000 Chillicothe & Brunswick:	3r 1,00	00,000	7	* Jun	9 &	Dec.	. "	190	1		Toledo Depot bondsguar Dayton and Union:	169,	000	7 March & Se	Pt.	TODAY	
1st Mort. g'd skg fd for\$41,000	,000		7	Jan.	& :	July	New York	190	2	••	1st Mortgage, registered	140,		7 March & Se	pt. New York		
Unicago and Superior:	00'0	00,000	7	* Apr	11 Az	Oct	New York	190	0		2d Mortgage Income Bonds	136, 252,			4 4	187	
1st M. (Chi. & Sup.)g'd \$5,000	,000		7	* Jan	de i	July	. "	190			Dayton and Western (Pa. Co.)			C. Property	ly. New York	k. 190	N.
		00,000	8	Jan	de .	July	New York	k. 189	4		1st Mortgage			6 "	4 4	190	
1st Mort. guar.by St.L.K.C.& Cincinnati, and Baltimore:							1				Decatur, Sullivan and Mattoon	:	000	8 March & Se	pt. New York	k. 190	11
1st Mort. guar. by B.& O.& M. Cincinnati, Hamilton and Day	on:			Jan	000	uly	Baltimore				1st Mortgage Delaware (P. W. & Balt.):			The second	( P   17 - 5 - 5   5   5   5   5   5   5   5   5	00 100	) E3
1st Mort, of 1853	1.2	50,000			8	Nov	New York	k. 188			1st Mortgage	100,		6 Jan. & Ju	ly. Philadelph	ia. 187	15
2d Mortgage of 1865 3d Mortgage of 1867 Cincinnati and Indianapolis I		00,000 282,000		Jan	e &	Dec		188			1st Mortgage, guar		000	6 "	Salar Mino	188	80
											1st Mortgage extension  Delaware State Loan	170,	000	6. "	4 4 4	187	0
1st Mortgage2d Mortgage	1,2	98,000		Jan Mar	ch &	s aly Sept	66 66	1189	3		Delaware, Lackawan. & Wester 1st Mort. (Eastern Ext.)	1,111,	000	7 April & C	ct. New Yor		
2d Mortgage	) 2			Jun	e &	Dec					1st Mort. (Eastern Ext.) 2d Mort. (Del., Lack. & Wtn) Company B'ds(Del.Lack.& W	1,638,		7 March & Se	pt. "	188	12
1st Mortgage	1.0	000,000	0 1	Mar	ch &	Sept	New Yor	k. 189	1		Denver Pacific:	.). 0,000,			200 TO 1001 WH	0.01	
Cin. & Martinsville(I.C. & La 1st Mortgage guaranteed	F.):		1			117					Denver Pacific:  1st Mortgage gold, land grant Denver & Rio Grande(3 ft.gaug 1st Mort, gold, skg fund tax fr Des Moines Valley:  1st Mortgage (on 154 miles).  1st Mortgage Land grant.	2,500,	000	7 May & N	ov. New Yor	k. 189	
Cincinnati & Muskingum Va	lev.		1	Feb							lst Mort. gold, skg fund tax fr	ee. 16,000	pm	7 May & N	ov. N.Y L.&A	ms. 190	10
lst Mortgage. Cincinnati, Richmond & Chic	1,0	500,000	0 '	Jan	. &	July	New Yor	k. 190	1		Des Moines Valley:	9 910	000	8 April & C	et. New Yor	k. 18	27
1st Mortgage guar, by C.H.	E D	560,00	0	Tor	. &	July	New Yor	k. 1180	06		1st Mortgage (on 154 miles)	4,690	000	8 4	4	1.80	

Asterick (\*) affixed to rate of interest signifies "Payable in Coin."

Description of Roads	Amount.	2	I	nterest	Payable.	9	9	Décodation of Danie	A	0	Interest	Payable.	ie.
Description of Bonds.	Amount.	Rate	' WI	ien.	Where,	Due	Price	Description of Bonds.	Amount.	Rate	When.	Where.	Due.
Detroit, Eel River and Illinois:		T			4.15 1		_	Framingham and Lowell:					
1st Mortgage for \$22,000 p.m Detroit, Hillscale and Indiana :	\$	8	Jan. &	July.	New York.	1891		1st Mortgage Frederick and Pennsylvania Line:	\$477,683	7	May & Nov.	Boston.	1891
1st Mort. \$16,000 p. m. guar	1,170,000				New York.	1890		1st Mortgage gold	250,000	6*	April & Oct.	Baltimore.	1900
2d Mortgage	800,000	8	Jan. &	July.		1891		1st Mortgage gold				New York.	1882
Detroit, Lansing & L. Michigan: -1st Mortgage (consolidation)	8,000,000	8	April	& Oct.	Boston.	1896		1st Mortgage	1,785,000 948,000	7	May & Nov.	66 66	1875
let Mortgage (consolidation) Detroit and Milwaukee:	0.500.000	1		- 2	War Wash	1000		2d Mortgage Elgin and State Line Purchase	135,000	6	Jan. & July.	45 65 45 65	1878
1st Mortgage, (D.& M.R.'y)conv.	1,000,000		May &	NOV.	New York.	1875 1875	****	Mississippi Bridge Georgia (and Banking):	200,000	7			1884
2d Mortgage ( ")	625,924	7	Jan. &	July.	4 4	1875		Company bonds (debentures) Gilman, Clinton & Springfield:	681,000	7	Jan. & July.	Augusta.	772-8
2d Funded Coup. ( " ) Call. & Ottawa R. R. stg. bonds	010,134		May &	Nov.	London.	1875 1873		Gilman, Clinton & Springfield:	2,000,000	7*	March & Sept.	N.Y. & Lond	1900
Oakl. & Ottawa R. R. Cur'y bonds	51,000	7	16	66	New York.	1873		1st Mortgage gold	1,000,000		Jan. & July.	6 4	1892
Detr. & Pontiac R. R. bonds	250,000 250,000	7	Feb. &	Aug.	86 61	1878 1886		Goshen and Deckertown:	000 500			More Wash	1888
Detr. & Pontiac R. R. bonds Detroit, Mon. & Tol. (L.Sh.&M.S.):	200,000	0	ren. ex	Aug.		1000		1st Mortgage Grand Rapids & Indiana:	226,500		Jan. & July.	New York.	1000
Detroit, Mon. & Tol. (L.Sh.&M.S.): 1st Mortgage Aug. 1, 1856 Dubuque and Sloux City :	924,000	7	Feb. &	Aug.	New York.	1876	97	1st Morigage guar, gold, tax free 1st Mort not guar, gold, tax free Grand River Valley (Mich. C.).	4,000,000	7*	Jan. & July.	New York.	1899
lst Mortgage tax free	894,000	7	Jan. &	July.	New York.	1883		Grand River Valley (Mich C)	4,000,000	1.	April & Oct.		1899
Dubuque Southwestern:	4.000							1st Mort., assumed by Lessees	1,500,000	8	Jan. & July.	New York.	1886
1st Mortgage, guar. by Ill. Cen	450,000	7	April &	k Oct.	New York.	1883 1883		1st Mort., assumed by Lessees 2d Mortgage, guar. by Lessees Grand Trunk (Ca.):	500,000		March & Sept.	4 4	1879
1st Mortgage, preferred & guar Dunkirk, Warren and Pittsburg:	100,000		Jan. de	July.		1000		Equipment Bonds £500,000	2,500,000	6*	April & Oct.	London.	
1st Mortgage gold tax free	1,190,000	7*	June &	b Dec.	New York.	1900		Equipment Bonds No. 2 £270,500	1,350,000	6*	66 66	"	****
Outchess and Columbia:	1,500,000	7	Jan. &	July	New York.	1908		Postal & Military b'ds £1,200,000	6,000,000	6*	Feb. & Aug.	44	****
let Mortgage Jan. 1, 1868	2,000,000			o mil.	TOW TOLK.	1003		1st Preference Bonds £2,838,385. 2d Preference Bonds £1,685,765.	14,191,675 8,428,825	4.	Jan. & July.	6.	
1st Mort. end.\$16,000 p.m.by Ala.	*******	8	Jan. &	July.	•••••••	1890		Provincial Debentu's £3,111,500	15,557,500			Ottawa.	
last Brandywine & Waynesburg.  1st Mortgage	140,000	7	Jan. &	July.	Philadelphia.	1885		Great Western of Canada: Perpetual Debentures Stock	227,273	5	Jan. & July.	London.	perp.
2d Mortgage	85,000		4	# 3.	"	1873	****	Common (Company) Bonds	1,384,117	4	16 66	46	perp.
2d Mortgage			March	k Pant	Philadalata			Common ( " ) Bonds	2,993,973	6	May & Nov.	44	'73-'7
ist Mortgage, guaranteed	480,000		march d	r nebr	Philadelphia.	1000	984	Common ( " ) Bonds	2,662,067 4 867	5	April & Oct.	44	1881
1st Mortgage	870,000	6	Jan. &	July.	New York.	176-186		Common ( " ) Bonds	3,650,000		June & Dec.	66	1890
ast Tenn. & Vir. (E.T.V.& Ga.)	175,000	6	Jan. &	July	New York.	1886		Greenville and Columbia:		1	Jan. & July.	New York.	'81-'8
1st Mortgage, endorsed ast Tennessee, Virginia & Ga.:								1st Mortgage guar. by S. Car 1st Mortgage not guaranteed	376,766	7		" TOR.	'81-'8
let Mort., skg fund for \$3 500,000	2,519,000	7	Jan. &	July.	New York.	1890		Greenwich and Johnsonville:		1		W W .	1889
estern (Mass.): English Loan, July 1, 1862	383,000	6*	Jan. &	July.	London.	1872		lst Mortgage Hackensack & New York Ext.:	130,000	1	May & Nov.	New York.	TOOR
Loan of 1804-74	750,000	6	Feb. &	Aug.	Boston.	1874	964	1st Mortgage, \$10,700 p.m	300,000	7	May & Nov.	New York.	1889
1st Mort. (Essex R.R.) assumed.			Jan. &		44	1876	80	1st Mortgage, \$10,700 p.m Hamnibal and Naples(T.W.&W.)	AME 000		Man & New	Now York	1898
Loan of 1865–'85 Loan of 1868–'88	500,000		April d March		ai	1885 1888		1st Mortgage	225,000			New York,	1890
oan of 1869-'89	1,000,000	6	May &	Nov.	et .	1889	92₺	Hannibal & Central Missouri':					1000
Loan of 1872-'82	1,500,000	7	******	******	46	1882	100	1st Mortgage gold, tax free			May & Nov.	New York.	1890 1890
astern Shore (Md.): 1st Morigage	400,000	6	Jan. &	July.	Baltimore.	1880		2d Mortgage Hannibal and St. Joseph:	200,000	1.	Feb. & Aug.		
21 Mortgage	. 180,000	6	April	& Oct.	46	1886		Missouri State Loan	1,500,000	6	Jan. & July.	New York.	71-77
Lat Mortgago convertible	3,000,000	8	March	& Sept.	New York.	1890		Missouri State Loan Six years Mortgage bonds(222m)	1,500,000			11 11	1872
1st Mortgago, convertible trairs and Williamsport(N.Cen.):			-					Five years' notes (277 m.)	139,300	8	Various.	18 48	1874
1st Mortgage guaranteed	1,000,000		Jan. &		Philadelphia.		96	Fifteen years' bonds (277 m.)	3,476,000	8	March & Sept.	46 46	1885 1892
rie Railway :	570,000	0	April d	e Oct.	-	1872	57	Fifteen years' bonds (277 m.) 1st Mort. (Q. & Palm.R.R. 15 m) 1st Mort. (K. City& Cam. RR55m)	1,200,000	10	Jan. & July.	66 66	1886
1st Mortgage	3,000,000		May &		New York.	1897	102	General Land Mortgage (277 m.)	1,134,100	7	April & Oct.	66 66 66 46	1888
2d Mortgage convertible 8d Mortgage	6,000,000	7	March	a sept.	44 44	1879 1883	971	General Mortgage conv. (277 m.) Harlem Extension:	5,600	7	Jan. & July.		1888
4th Mortgage convertible	4,441,000	7	April d	k Oct.	65 66	1880	92	1st Mortgage	4,000,000	7	Jan. & July.	New York.	1890
5th Mortgage convertible	926,500 186,400	77	June d		46 66	1888	944	marrisdurg & Lancaster:		1			1888
Buffalo Branch, 1st mortgage	4,844,400	6*	Jan. &		London.	1891 1875		1st Mortgage, guar. by Pa. Co Hartford and New Haven:	700,000	0	Jan. & July.	Philadelphia.	
Sterling Loan (£1,000,000) conv. Consol. Mort. for \$30,000,000, g'd	3,000,000		46	4	NY&London	1920	95	1st Mortgage	754,000	6	Jan. & July.	Hartford.	1873
rie and Louisvile:	-1000	19	Amell	e Oat	New York.	1001		martiord, Providence and Fishkill:	404 000		Ton & Tules	Providence.	1876
Mortgage of 1871ric and Pittsburg (Penn.):	1,000,000		April	ac Oct.	New Tork.	1901		let Mort. (R. I. 26.32 m.) skg fund let Mort. (Conn. 96.04 m.) skg f d.	1,574,500	7	Jan. & July.	Hartford.	1876
1st Mortgage					New York.			Holly, Wayne & Monroe(F&PM):					1001
The second contract of	115,200 2,089,000		March &	k Sept.	44 44	1890 1893	****	1st Mortgage guar., tax free	1,000,000	8	Jan. & July.	New York.	1901
Consolidated Mortgage tax free. Equipment Mortgage	600,000		April d	& Oct.	46 66	1890		Holyoke and Westfield:	200,000	7	April & Oct.	Boston.	1891
Equipment Morigage			-		N. V & Tara			Housatonic:		1	1.00		1877
Bangor City Bonds(1st m. 55 m.) let L.M.(& 1st on 59, &2d on 55m) vansyille and Crawfordsville:	2,000,000	6.	March	k Sept.	N. Y. & Lond	. 1894 1899	87	1st Mortgage sinking fund 2d Mortgage	191,000	7	Jan. & July. Feb. & Aug.	86 66	1885
vansville and Crawfordsville:		-			Now West			3d Mortgage of 1869 Houston and Texas Central:	100,000	6	April & Oct.	£5 <b>4</b> £	1889
1st Mortgage (main line)skg fund 1st Mortgage ""	1,004,000	7	Jan. & March	& Sent.	New York.	1889 1889	****	Houston and Texas Central: 1st Mortgage L.G. skg fund,gold.	6.520.000	7*	Jan. & July.	New York.	1891
st Mort. (Rockville Extension).	150,000	7	Feb. &		44 44	1881		Hudson River (N.Y.Cen. & H.R.):					
vansville, Henderson & Nashv. :	1 000 000	17			New York	1907		1st Mortgag3			Feb. & Aug.	New York.	1870 1885
Ist Mortgage	1,000,000		Jan. &	ouly.	New York.	1897		2d Mortgage, sinking fund 3d Mortgage	180,000	7	June & Dec. May & Nov.	4 4	1885
at Mortgage, gold	750,000	7*	May &	Nov.	New York.	1900		Hudson Connecting (NY&OMid):				37 T	1000
ll River, Warren & Providence : ist Mortgage int and Pere Marquette :	200,000	7	Jan. &	July	Providence.	1882		1st Mortgage gold Huntingdon and Broad Top Mt.:	400,000	7"	May & Nov.	New York.	1902
nt and Pere Marquette:	a see all s			-				1st Mortgage gold	416,000		April & Oct.	Philadelphia.	1890
and Mort. 1st series (55,241 a.).	158,500		May &	Nov.	New York.	1880		2d Mortgage	267,500	7	Feb. & Aug.	46	1875 1895
2d series (92,748 a.). 3d series (52,091)tx.f.	221,000 2,046,000	8	Jan. &	& Sent	41 11	1887 1888		3d Mortgage (Consol)	1,251,000	7	April & Oct.		1000
F. & Holly lease (S.F. 25,000 p. a.)	476,000	10	May &	Nov.	44 44	1888		Construction bonds, cur. skg f'd.		7	April & Oct.	New York.	1875
Construction Loan	165,000	8	64	61		1876		Construction bonds, coin	332,000	6		N.Y. & Lond	1875
orida : let Mortgage conv. gold	2,300,000	7*	Jan. &	uly	New York.	1889		Redemption bonds, currency  Redemption bonds, sterling	2,500,000	6		New York. London.	1875
ushing & North Side (L. I.):		-					1	Indiana and Illinois Central:		1			
1st Mortgage	1,025,000	3	May &	N.7	M Y. & Lond	Iv(0		1st Mortgage gold	3,500,000	7	Jan. & July.	New York.	1901
onda, Johnsto'n & Gioversville : let Mortgage	800,000	7	Jan. &	July.	Niw York.	1890		Indiana North and South: 1st Mortgage for \$22,500 p.m. g'd		7*	April & Oct.	New York.	1901
ort Scott, Humboldt & Western:	20 to 9			1000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Indianapolis, Blooming. & West.:		1			
1st Mortgage \$20,000 p. m	*******	8	Jan. &	July.	New York.	1891	****	1st Mortgage gold	5,000,000	7	April & Oct.	New York.	1909
ort Wayne, Jackson & Sag.: 1st Mortgage traffic guarantee	1,500,000	8	Jan. A	July.	New York.	1889		2d Mortgage	1,500,000	10	Jan. & July.		
2d Mortgage (Equipment)	500,000	8	April	k Oct.	" "	1891		1st Mortgage guar, by Pa. Co	1,700,000		Feb. & Aug.	New York.	1908
ort Wayne, Muncie & Cin. : 1st Mortgage gold	1,800,000	16			Boston.	1899		2d Mortgage guar. by Pa. Co International (Texas	1,450,000	8	May & Nov.		1900
	1 AUGUSTUS 1				A A STATE OF THE PARTY OF THE P	(TOB9.		THE STREET LAND LAND LAND LAND LAND LAND LAND LAND	1	1			1901

An Asterick (\*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	sate.			Payable.	Due.	Price	Description of Bonds.	Amount.	tate.	Interest		Due.	1
		-	Whe	n.	Where.	-	-		- C	H	When,	Where.	10000	-
lianapolis, Cin. and Lafayette: st Mortgage(Ind.& Cin.)of 1858	1.589.500	7	April &	Oct.	New York.	1888		Lake Shore & Michigan So.: Sinking Fund Oct. 1, 1869	\$1,800,000	7	April & Oct.	New York.	1879	1
st Mortgage(1. U.& L.F.)01 1807	2,770,000	7	Feb. &	Aug.	"	1897		Consol. registered July 1, 1870	1,334,000		April & Oct. J. A. J. & O.	4 4	1890 1890	1
st Mortgage( " )of 1869 lianapolis and St. Louis :	1,566,000	7	June &	Dec.	102 0	1899		Consol. coupon July 1, 1870 Dividend (Lake Shore) Ap. 1, '69	1.500,000	7	Jan. & July. April & Oct.		1899	ľ
st Mor gage		7	Jan. &		New York.	1916		Sunbury July 1, 1864	500,000	7	Jan. & July.		1874	ŀ
st Mortgage	2,000,000	7	March & April &		"	1916 1916		Reg. Jan. 1, 1855 C.P.& A. R.R. 3d Mort. 9ct.1, '67	1,000,000		April & Oct.		1880 1892	1
st Mortgagedd Mortgage	1,000,000	7	The Ca	"	" "	1900		1st Mort. (Junc.R.R.)Dec.1, 1869	115,000	7	June & Dec.	" "	1872	1
Equipment Mortgage	500,000	8	Jan. &	July.	" "	1881		SkgFund July 1, 1855 C. & Tol Mort. April 1, 1866	2,014,000		Jan. & July. April & Oct.	4 4	1885 1886	ı
wa Eastern: st Mortgage gold	14,000pm	7*	Feb. &	Aug.	New York.	1902		1st Mort. May1, 1855M. S. & N.I	5,256,000	7	May & Nov.		1885	j
wa Falls & Sioux City (Ill.Cen.):				_				2d Mort. Oct 31,1867 "	2,698,000		4 4	4 4	1877	i
st Mortgage guaranteed wa Midland (C. & N. W.):	2,960,000	7	April &	Oct.	New York.	1917	****	Mort. Nov. 1, 1858 Mort. July 1, 1862 Buff. & Erie	100,000		Jan. & July.		1882	j
st Mort., \$16,000 guar		8	Feb. &	Aug.	New York.	1900	105	Mort. Sept. 1, 1866 "	300,000	7	March & Sept.	14 44	1886	ĺ
nton (Penna.):	100,000	7	May &	Nor	Philadelphia.	1875		Mort. April 1,1868 " 1st Mort. Aug.1,1856(D.M.&Tol.	3,000,000		April & Oct. Feb. & Aug.		1898 1876	
st Mortgageaca and Athens:	100,000	•	may a	1404.				1st Mort. Sept. 1,1869(K.&W.P.	400,00	7	Jan. & July.		1870	
st Mortgage gold, skg fund	600,000	7	Jan. &	July.	New York.	1890	100	1st Mort. Oct. 1, 1867(Sch&ThR. 1st Mort. Oct. 1, 1867(Kal.&Sch.	100,00		4 4	4 4	1887	
kson, Lansing & Saginaw(MC): st Mortgage	1,495,000	8	Jan. &	July.	New York.	1886	101	1st M. July 1. '68 (Kal. Atl. & Gr. R.	840.00	0 8			1868	
d Mortgage	500,000	8	March &	z Sept.	66 66	1888		1st Mort.July 1, 1863(J.&Frank.	500,00		Tune & Dee	4 4	1894	
st Mortgage, Northern Ext ksonville, Pensac. and Mobile:	940,000	8	May &	Nov.	66 66	1890	****	2d Mort. Jun.1, 1869 " [Lawrence (P. Ft. W. & Chi.):	500,00	1	June & Dec.		1005	i
at Mort. Florida State Loan g'd	4,000,000	8	Jan. &	July.	New York.	1900		1st Mortgage, guaranteed Leavenworth, Lawr. & N. West'r	. 600,00	0 7	April & Oct.	Philadelphia	1896	
nest'n & Frank. (L.S.& M.So.):					Nom Wank	1007		Leavenworth, Lawr. & N. West'r	355,00	7	Feb. & Aug.	New York.	1899	
st Mortgage guaranteed d Mortgage guaranteed	496,000 500,000		Jan. &		New York.	1897 1894		lst Mort. guar. by Pac. of Mo Leaven., Lawrence & Galveston:		1	200, 4 24	21011 2012	-	
terson (Erie):					N			1st Mort. skg fund conv., gold	. 5,000,00	0 10	Jan. & July	N. Y. & Bost.	1899	ĺ
st Mort. (Hawley Section)	206,000 94,000		Jan. &	July.	New York.	1887 1889		Lehigh and Lackawanna: 1st Mortgage tax free	. 300,00	0 7	Feb. & Aug	Philadelphia.	1897	
et Mort. (Carbondale Section)	2,000,000		"	44	66 66	1889		Lenigh Valley:	Constant	1.	S. SZEGO O. LANCES	1 1 1 1	01103	
fersonville, Madison & Indian.:		_	Anall a	. 0.	Now Vanh	1906		let Mortgage (old loan)			June & Dec	Philadelphia	1873	
st Mortgage consold Mortgage consol	2,089,000 2,000,000		April &		New York.	1910		lst Mortgage (new loan) tax free 2d Mortgage for \$6,000,000			March & Sept	"	1910	
st Mortgage (Ind & Mad.)guar.	397,000	7	May &	Nov.	4 4	1882		Lexington & St. Louis (P.of Mo.)	):		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	The state of the state of	100	
d Mortgage (JeffersonvilleR.R.) let and Chicago (C. & Alton) :	345,000	7	April d	k Oct.		1873		1st Mortgage gold	1,000,00	9	June & Dec.	New York.	1899	
st Mortgage skg fund guar	500,000	8	Jan. &	July	New York.	1882		1st Mortgage	. 1,474,00	0 6	May & Non	New York.	1883	
iet & Northern Ind. (Mich. C.):						1084		Street Connection Bonds	500,00	0 8	Jan. & July		1894	
st Mortgage, guaranteed nction (Cin. & Indianapolis):	800,000	8	Jan. &	July	New York.	1874		Little Rock and Fort Smith:	. 8,000,00	0 6	Jan. & July	N. Y. & Bost	1900	
st Mortgage	1,200,000		Jan. &	July	New York.	1885		1st Mortgage gold Land Grant sinking fund	. 5,000,00	0 7	April & Oct	16 16	1900	
d Mortgage	798,000		March			1893		Little Schuylkill (Phila. & Rdg.)	771,50	7	April & Oct	Philadelphia.	1877	
st Mortgage (Newcastle Br.) action, Philadelphia:	250,000	7	June &	Dec		1884		1st Mortgage, guaranteed Logansport, Crawf. & S'wstn Ind	111,00	1	April & Oct	r maderpma.	1011	
st Mortgage, guaranteed	500,000		Jan. &			1882		Long Br. and Sea Shore (N.J.So.)	1,500,00	0 8	* F. M. & A. N	New York.	1900	
d Mortgage not guaranteed	300,000	6	April	& Oct	. "	1900	****	Long Br. and Sea Shore (N.J.So.)  1st Mortgage guaranteed	200,00	0 6	Jan. & July	New York.	1889	
nction and Breakwater: st Mort. guar. by Delaware	400,000	6	Jan. &	July	New York.	1890		Long Dock (Erie):		1.	oun a only	11011 1012	3,307	
lamazoo, Allegan& Gr. Rapids		1				1000		1st Mortgage guaranteed	3,500,00	0 7	June & Dec	New York.	1992	
st Mort. assumed by LS&MSo. lamazoo and Schoolcraft :	840,000	8	Jan. &	July	New York.	1868		Long Island: 1st Mortgage main line	. 500,00	0 6	Jan. & July	New York.	1875	
st Mort. assumed by L.S.&M.S.	100,000	8	Jan. &	July	New York.	1887		1st Mortgage (Extension)	175.00	0 7	Feb. & Aug	44 44	1890	
lamazoo, & S. Haven (M.Cen.)	840 000	8	Man &	NT.	Poston	1889	100	1st Mortgage (Glen Cove Br.). General Mortgage	150,00	0 7	May & Nov		1893	
st Mortgage guar, by lessees lamazoo & White Pigeon:	640,000	0	May &	NOA	Boston.	1009	100	Louisville & Miss. Riv. (Ch.& A	):			1	1000	
st Mort, assumed by L.S.& M.S	400,000	7	Jan. &	July	New York.	1890		lst Mortgage	4,300,0	00 7	Feb. & Aug	New York.	1900	
n. City, St. Jo. & Coun. Bluffs st Mort. (C. B. & St. Jo. 52 m.).	500,000	7	Jan. &	July	N. Y. & Bost	1888		Louisville, Cincin. and Lexington 1st Mortgage for Cincinnati Br		00 7	Jan. & July	New York.	1897	
d Mort. (" " ").	150,000	10	46	"	11 11	1878		2d Mortgage for \$1,000,000 Louisville and Nashville:	345,0		April & Oct	4 4	1900	
st Mort.(StJo.&CB.78 m)ev.t.fr.	1,400,000		March June	& Sept	44 44	1892 1874	****	Louisville and Nashville: 1st Mortgage (main line 185 m.	554,0	7	Jan. & July	New York.	178-17	,
st Mort. (Mo. Valley 130 m.)	1,500,000		Feb. &			1893		1st Mortgage (Memp Br.46.37m	139,0		May & Nov		172-17	
	1,000,000	7	u	46	66 46	1893		1st Mortgage (Memp Br.46.37m 1st Mort. (Leb. Br. Ext. 73.2m.	88,0	00 7			'80-'8	
Consolidated Mort. (260m.)conv. nsas City & Santa Fe (LL&G)		8	March	& Sept	44 44	1892	****	Consol.M.for \$8,000,000(392 m. Louisv., N. Al. & St. Lo. Air-Lin	). 6,647,0	10	April & Oct		1898	j
st Mortgage guar. by Lessees.		10	May d	k Nov	Boston.	1900		1st Mortgage gold, \$25,000 p. m	2,875,0	00 7	- 4 -	New York.	1901	
nsas Pacific:		1 -				1005	0.5	Macon and Augusta:		1 4		X7 97	100 10	
st Mort. (1st Div. 140 m.) gold. st Mort. (2d Div. 253.94 m.)gold	2,240,000 4,063,000		* June	& Au	N.Y. & St. La	1895	85	1st Mortgage end.by State of G	a. 670,0 100,0			New York.	1890	1
at M.(3dD.244.66m.& 3,000,000a	6,500,000	7	* May A	k Nov	N. V. & Lone	1. 1899	1024	1st Mortgage not guaranteed . Macon and Brunswick:			-	a allabat	0 1110	
st Mortgage (1,000,000 acres)	216,000 1,389,000	7	* March	& Sept	N. Y. & St. Lond N. Y. & Lond N. Y. & St. L	1. 1880		1st Mort. endersed by Ga	600.0	00 7			1877	
at Mortgage (2,000,000 acres)glo at Mort. (Leavenworth Branch	600,000	7	Jan. &	July	N. Y. & St. L	1896	86	2d Mortgage	1,100,0	00 7	April & Oct		1888	
d Mortgage (Gov't Subsidy)	6,303,000	6	1	**	U. S. Treas.	190-1	01	Equipment Mortgage	150,0	70 7	" "		1879	
d Mortgage (Income) at County (Del.):	1	7	March	oc sep		1910		Macon and Western: 1st Mortgage of Oct. 1870	150,0	00 7	April & Oct		1880	
st Mortgage for \$600,000 ntucky Central:	400,000	6	Jan. &	July	Philadelphia	. 1880	85	Maine Central:		1	1000		180	
ntucky Central : st Mortgage (Cov. & Lex.)1852	123,000	7	March	& Sam	Now Vorte	1872	-	Consolidated Mort. for \$7,500,0	00 3,000,0 746,3	00 7	Jan. & July	Boston.	1912	
d Mortgage ( " )18:3	. 844.000	7	66	-	44 44	1883		\$1,100,000 Loan, tax free Bangor (P. & K.) Loan	514,0	00 6		46	1875	
d Mortgage (Kent. Cen.) 1865. ok., Iowa C.& Minn. (TW&W)	287,000	7	June	& De	20 41 44	1885		Extension (gold) Loan	491,0	00	4 4	46	1900	
st Mort. gold conv. traffic guar	20,000nm	7	* Jan. &	z July	New York.	1892		1st Mortgage (Ken. & P.)	1,100,0	00 6		Augusta.	1885	
okuk and St. Paul (C.B.& Q.):	1	1.					-	Consolidated (P. & K.) Loan.	1,149,3	00 6		Boston.	1895	
st Mortgage traffic guar ckawanna & Bloomsb(DL&W)	1,000,000	8	April	& Oc	Boston.	1879		1st Mortgage (S. & K.) 2d Mortgage ("")	260,0	00 6	4 4		1874	ĺ
st Mortgage	900,000	7		z July	New York.	1875		lst Mortgage (L. & F.)	336,0	00 6		u	1901	
at Mortgage (Extension)	.1 400.000	7	March	& Sep	41 41	1885		lat Mortgage (L. & F.) Bath (Androscoggin) Loan	425,0	00 0	" "	4	1891	
d Mortgaged Mortgage (Extension)	200,000	7	April May	& Oct	66 61 7. 66 46	1880 1890		Mansfield & Framing. (B.C.&F.	300,0	00 7	Jan. & July	Boston.	1889	ĺ
d Mortgage (Extension) Income Mortgage. Crosse, Trempeleau & Prescott	250,000	7	Jan. &	L July		1881		lst Mortgage, guaranteed Marietta and Cincinnati:			Charles I Stan	THE RESERVE TO SERVE THE PARTY OF THE PARTY	E 100	j
Crosse, Trempeleau & Prescott	1 000 000							1st Mortgage, Sterling	1,050,0		Feb. & Aug		1891	
Ricoming & Miss (TWAW)	1,000,000	10	-	£ —	New York.	1877		1st Mortgage Dollar	2,450,0	0 7	May & Nov	Baltimore.	1891	į
st Mortgage gold guar	1,300,000	7	* Feb. d	k Au	New York.	1891	85	8d Mortgage Dollar	2,540,0	00 8	Jan. & July	4.	1890 1896	j
Ist Mortgage gold guar	7 500 000	1						2d Mortgage Dollar	300,0	00 7	May & Nov		1896	ĺ
lst Mortgage gold guar	1,500,000	17	* Feb.	Aug	New York.	1901		1st Mortgage gold	1,500,0	00 7	Peb. & Aus	Boston.	1895	ĺ
let Mortgege gold	2,000,000	7	* April	& Oc	. New York.	1901		1st Mortgage gold		200	School State	CHARLES AND COMPANY	A DOTTE	
he Character & Miles						1		Income Bonds	150,0	JOI 8	June & De	Boston,	1875	ø
lst Mortgage gold	4,500,000		To-	. T-1	N.Y.B's.& Pl	1899		Income Bonds		3 18	NOWATED TAXABLE		C CHARLE	۱

An Asterick (\*) fixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount	3		interest	Payable.	ė	Price	Description of Bonds.	Amount.	te.		interest	Payable.	Due	
Description of Dollars	Amount.	Ra	W	hen.	Where.	Due	P.	Description of Bonus.		Rate	W	hen.	Where.	A	
faryland and Delaware :							-	Nashville and Chattanooga:							
Ist Mortgage	\$850,000 150,000	6	May	& Nov.	Boston	1885 1889		1st Mortgage, endorsed by Tenn.	\$1,546,000	6	Jan. d	k July.	New York	1890	
fassillon & Cleve. (C.M. V.& D.)							****	Nashville and Decatur(L.& Nash.) 1st Mortgage sinking fund, guar.	2,100,000	7	Jan.	k July.	New York	1900	
lat Mortgage guaranteed, gold faysville and Lexington:	100,000	7*	Jan.	k July.	New York.	1590		2d Mortgage gold Naugatuck:	500,000	6*	April	& Oct	Nashville.	1887	1
1st Mortgage	500,000	7	Jan.	b July.	New York.	1890		1st Mortgage	112,500	7	Jan.	k July.	Bridgeport	1876	
temphis and Charleston:	1,293,000				A. 100	1880		Newark & New York (Cen. N.J.)	600,000	7	Ton A	- Inle	New York	1891	
1st Mortgage, Convertible 2d Mortgage	1,000,000		Jan.	& Sept.	New York.	1883	****	Newark, Somerset & Straitsville:				k July.	ACW TOTAL		
2d Mortgage						1000		1st Mortgage gold	800,000	7*	May 4	k Nov.	New York	1889	1
1st Mortgage fichigan Air Line :	1,300,000	-	MAY	k Nov.	New York.	1890	****	New Brunswick and Canada:  1st Mortgage, Sterling £200,000	972,000	6*	May 4	Nov.	London.	1867	
let Mortgage (E.D'v.)\$15,000pm. fichigan Central: 1st Mortgage, convertible		8	Jan.	t July.	Boston.	1890		Newburg & New York (Erie):	,	_	_				- 1
lichigan Central:	35R 000	8	Anell	& Oct.	New York	1882		New H., Middlet'n & Williman.:	********	7	Jan.	k July.	New York	1889	
lat Mortgage, sinking fund conv.	2,200,000	0	- 44	ea	4 4	1882	115	1st Mortgage (coup. & reg)	3,000,000	7	May 4	k Nov.	New York	1889	,
1st Mortgage, sinking fund conv. Trust Mortgage for \$10,000,000 1st Mort. (M. Air L.W.D.)assu'd	1,900,000	8	May	& Nov.	66 66 66 66	1902 1890	1071	New Haven & Northampton:	1 000,000	7	Ton d	k July.	N. Y. & N. 1	1. 1899	.
1st Mort. (Gr. Riv. Valley) guar. 2d Mort. ("") guar.	1,000,000	8	4 ,	E July	44 44	1886		Convertible	400,000	6	April	& Oct.	46 46	1880	)
2d Mort. (" ) guar. 1st Mort. (Kal. & So. Hav.) t. f. guar	500,000	8	March	& Sept.	46 66	1879 1889	89	Holyoke and Westfield bonds	2,000,000	7	44		46 66	1891	-
2d Mort. ( " ) guar	70,000		May	& Nov.	41 41	1889	****	New Jersey See United Compan's. New Jersey Midland (NY.&OM.):					-		
ichigan Lake Shore:			-					1st Mortgage gold, guar	3,000,000	7*	Feb.	k Aug.	New York	1895	
iddletown, Unionv.& W.Gap(E):	800,000	8	Jan.	k July.	New York.	1889	****	2d Mortgage currency New Jersey Southern:	1,500,000	7		**		1001	. 1
1st Mortgage tax free	225,000	7	May .	& Nov.	New York.	1886		1st Mortgage	2,000,000	7	May	& Nov.	New York	1899	
fidland of Canada:	1 110 667	8*	Man	& Nov	London.	1896		1st Mortgage (Tom's Riv. Br.) Income Mortgage	120,000	7	March	& Sept.	66 66	1888 1881	
1st Mortgage sterling £235,000 Idland Pacific:	1,148,667	0	May	ac 210V.	1300don		****	New Jersey West Line:	100,000						
1st Mortgage gold, tax free iliwaukee and St. Paul:	1,100,000	7*	Feb.	& Aug	New York.	1899		New Jersey West Line: 1st Mort. gold, for \$3,000,000		7*	May	& Nov.	New York	1900	,
1st Mortgage	5,502,000	7	Jan.	k July.	New York.	1898	924	New London Northern(Vt. Cen.)  1st Mortgage	300,000	6	March	& Sept.	New York	1885	
MO MOTORINE.	1,191,000	7	April	& Oct.		1884	86	186 Mortgage	200,000	7	Jan.	& July.	46 44	1888	1
1st Mortgage (E. Div. Palmer) 1st Mort. (Iowa and Minn.)	791,500 8,793,000	7	Jan.	& Nov.		1874	88	N. Orleans, Jackson & Gt. North. 1st Mortgage 1856	3,000,000	8	Jan.	& July.	New York	1886	5
let Mortgage (Minn. Cent.) let Mortgage (Iowa & Dak.) let Mortgage (P. du Chien)	207,000	7	66	"	44 44	1870	80	2d Mortgage 1860, for \$3,000,000	2,000,000	8	April	& Oct.	66 66	1890	)
lat Mortgage (Iowa & Dak.)	1,008,000	7		& Aug	1	1870	88#	N. Orleans Extension, 1870, gold		8	May Jan	& Nov.	66 66	1890 1890	
2d Mortgage (P du Chien)	3,674,000 1,815,000		4	u Zug	1 44	1898	984	New Orleans, Mobile and Texas	1	1	Jam	w our			
Milwaukee City Loan	233,000	7	March	& Sept	46 46	1878		lst M.(NOtoT 227 m)skg fd	2,825,000	8 7	Jan.	& July	New York N.Y. or Lor	1915	
Real Estate Purchase	284,090 148,500			& July		1891	****	let M.( ")gold skg fd 2d Mortgage, endorsed by La			66	64	New York		
ilw. Manitowec & Green Bay :							1	New York and Boston:		1	35	. 37			
1st Mortgage for \$2,500,000	********	7				. 1891		lst Mortgage gold, for \$3,000,000 New York Central & Hudson R.	0	17	May	& Nov	N. Y. & N.	(). 1000	,
1st Mortgage for \$15,000 p.m		8	June	& Dec	New York.	1890		Debt Certif. (N. Y. Central)	5,936,626	6		& Nov	New York	1888	
ineral Point:			Ton	& Inle	New York	1890		Bonds for debts ass'd(N.Y.Cen.	1,514,000			& Aug & Nov		1876 1883	
ist Mortgage, Dec. 21, 1868 inneapolis & Duluth (L.S.& M.)	820,000	10	Jan.	& July	New York.	1000	****	Bonds for B.& N. S't.( "Bonds for R.R.stocks( "	592,000	6	64	66	44 44	1883	3
1st Mortgage gold, guaranteed Inneapolis & St.L. (L.Sup.& M.)	400,000	8*	Jan.	& July	New York.	1911	****	Bonds for real estate ( "	162,000		Tuna	A Doo	66 66	1882	
inneapolis & St. L. (L.Sup.& M.)	700,000	7*	Jan.	& July	New York.	1911		Bonds of 1854 renew'd( " 1st Mort. (Hudson Riv.)	2,900,000			& Dec		1870	
1st Mortgage gold, guaranteed Innesota and North Western:			-				1	2d Mort. ( " )8. F	1,894,000	7	June	& Dec	. 66 66	1885	
let Mort. gold, skg fd & tax free liseissippi Central:	20,000pm	7*	Jan.	& July	New York.	1895	****	Bonds of '71, tax free(NYC&H	180,000			& Nov	*1	1891	
let Mortgage	1,854,000	7	May	& Nov		'69-'7	1	Consol. Mort. for \$40,000,000		7			46 46	1902	2
2d Mortgage. General Mort. for \$8,000,000 gold	2,000,000	8	Feb.	& Aug & Nov	16 4	1875		New York and Harlem:	3,000,00	7	May	& Nov	New York	1878	2
Hississippi, Quachita & Red Riv.:	*******		may	GE 7404		1014		1st Mortgage of 1863 Consolidated mortgage of 1863.				& Aug	66 66	1893	3
let Mortgage gold:	1,860,000		-	&			****	Sinking Fund mortgage of 1861	. 111,85		Jan.	& July			1 2
State (Ark.) subsidy \$10,000p.m.	1,000,000	7	April	& Oct	*************	1910		Bonds of 1853, unsecured N. York, Housatonic & Northern		7	-			1014	
lississippi and Tennessee:			1				1	1st Mortgage for \$500,000	. 161,00	0 7	Feb.	& Aug	New York	1889	9
1st Mortgage of April 1, 1856 Consolidated Mort. Sept. of 1866.	600,000		April	& Oct	New York.	1876	8	New York and New Haven:	1,059,50	0 7	April	& Oct	New York	. 187	5
dississippi Valley and Western:	1,181,600						1	New York & Oswego Midland:						1	
lississippi Valley and Western: let Mortgage \$20,000 p. m	*******	8	April	& Oct	. New York.	1902	****	lst Mortgage gold, tax free	. 8,000,00	0 7	Jan.	& July	New York	189	
Issouri, Iowa and Nebraska: lst Mortgage gold, sinking fund.		7	Jan.	& Dec		. 1910		2d Mortgage convertible 2d Mortgage non-convertible	1,500,00	0 7	44	& Nov	* ** **		
lissouri, Kansas and Texas:				e. Yeste	Nam Vanh	1900	1	New York, Providence & Boston	:		1	& Aug		. 73-	379
1st Mort. (U.Pac.S.Br.) skg fund 1st Mort(Tebo & Neosho)S.F.g'd	2,000,000	7	Jan. June	& Dec	New York.	1899 1903	****	1st Mortgage		0 7	Jan.	& July	New York	187	6
Consol. Land Grant, skg fd gold	7,833,000	7	Feb.	& Aug		1904		Extension Bonds	. 250,00			& Nov	66 66	1.0	
lissouri River, Ft. Scott & Gulf: 1st Mortgage Land skg fd, tax fr	K 000 000	10	Jan.	& July	New York.	1899	88	General Mort. for \$1,000,000 N. York, West Shore & Chicago	1:1	0 7	1			189	9
2d Mortgage	2,000,000	10	April	& Oc	N. Y. & Bos		74%	1st Mortgage gold, \$35,000 p. m.		. 7	* April	& Oct	New York	190	2
2d Mortgage	977 500		You	& Tule	New York.	1876		Niles and New Lisbon:	1	0 7	Jan.	& July	New York	189	0
let Mortgage	300,000			& July	" " "	1889		Norfolk County (B. H. & Erie):							
Mobile and Montgomery:			-	4 W.	Now Work	1000		1st Mortgage, guaranteed	414,35	0 0	Marc	h & Sep	Boston.	185	4
1st Mortgage endor. by Ala. gold fobile and Ohio:	2,500,000	8	May	& 140	New York.	1900	****	Norfolk & Petersburg(A.M.& O.) 1st Mortgage	906,00	0 8	Jan.	& July	New Yor	r. 187	17
ALIEN TO THE REAL PROPERTY OF THE PERSON NAMED IN COLUMN TO THE PE	6,000,000	6	* May	A No	Mob. & Lone	1882		1st Mortgage	157,00	0 7	44 -	44	66 61	187	17
let Morigage Bterling		1 0	a may	4	Mobile.	1877		North Eastern (S. Car.):	458,00	8 0	"	66	Norfolk	189	3
Interest bonds	804,400 871,800		68	46	acoure.	1883		1st Mortgage of Sept. 1, 1869	820,00		Marc	h & Sep	t. Charlesto	n. 189	
Interest (sterling) bonds	755,040	0 6		H	London.	1883		2d Mortgage of Sept. 1, 1869	322,00	0 7	"	47	"	189	9
2d Mort. (Income Liquidation) ontclair (N. Y. & O. Mid.)	943,121	8	N M	larch.	Mobile.	1877		North Pennsylvania: 1st Mortgage	2.225.00	0 6	Jan.	& July	. Philadelph	ia. 188	35
1st Mortgage gold, guar	1,200,000		* Marc	h & Sep	t. New York.			2d Mortgage	1,358,50	0 7	May	& No	7. 66	189	96
Mortgage	400,000		_	&	- " "			North Shore (L. I.):	360,00	10	Apri	& Oc		187	
2d Mortgage Income Mortgage Iontgomery and Eufala:	700,000	1						1st Mortgage	135,00	0 7	Feb.	& Au	New Yor	k. 188	37
1st Mortgage end. by Ala. gold.				h & Sep				Northern Central:						-	
1st Mortgage not endorsed  Lonticello:	300,000	8	June	& Dec		1900		1st Mortgage, Md. State loan. 2d Mortgage skg fd	2,500,00	0 6	Jan.	& July	Baltimor	e.   lrr   188	
1st Mortgage	420,000	0 8	Apri	& Oc	t. New York	1910		3d Mortgage skg fd	1,223,00	10	Apri	l & Oc	t. "	190	00
Conticello and Port Jervis:			-			1890		3d Mortgage skg fd	2,298,00	0	Jan.	& July	7. 46	187	
not Mortgage gold, tax free	650,000	1	0. A	. J. & (	New York			Income Mortgage conv	561,00	00		1 & Oc		188	
let Mortgage sinking fund, guar.	5,000,000		Marc	h & Sep	t. New York	1914		Income Mortgage conv	105.00		1			187	
2d Mortgage guar	3,000,000 1,510,000 2,900,000	0 7	Jen.	& Au	6. 44 - 44	1891 1900		1st Mortgage Northern New Jersey (Erie):	105,8	10	Apr	1 & 00	t. Boston.		
	2,900,00	V 6	C astro	out,	4 4	1889		1st Mortgage skg fd guar	400,00	m la	. 1	& Jul	y. New You	k. 187	-

An Asterick (\*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	ate.		Intere	st P	ayable.	Due.	Price	Description of Bonds.	Amount.	Rate.		Payable.	de	3
		M	· W	hen.		Where.	A	A			M	When.	Where.	3	10
orthern Pacific:	50 000mm	70	Ton	e T-1		Nam Vank	1900	100	Perkiomen (Phila. & Rdg):	4610 000		Ameil & Oat	Philadelphia.	1907	8
1st Mort. on R.R. & lands gold orwich & Worcester (B.H.& E.)	50,000pm					New York.		100	1st Mortgage, guaranteed Perth Amboy & Woodbr.(C&A):	\$619,000	COM	OR STANFALL	V212 1177 ALIVE	or or he	100
1st Mort. Mass. Loan Plain bonds	\$400,000 200,000		Jan.	& Ju	ly.	Boston.	1877 1874		1st Mortgage Petersburg:	100,000	6	Feb. & Aug.	New York.	1874	
machine shop &c., bonds			44	61		66 66	1877		lst Mortgage (instalments)	841,500	8	Jan. & July.	New York.	179-188	3
yack and Northern : 1st Mortgage	100,000	7	Jan.	& Jn	lv.	New York.	1890		Philadelphia and Baltimore Cent.: 1st Mortgage (Penn. Div. 36 m.)	800,000	7	Jan. & July.	Philadelphia.	1879	1.
densburg and Lake Champlain:			-						1st Mortgage (Md. Div. 9; m.) 2d Mortgage (Pa. & Md. 46 m.)		6	April & Oct.	"	1891	
Equipment Mortgage	200,000		Jan.	& Ju	ly.	Boston.	1878 1879	100	Philadelphia and Reading:	400,000	7	Jan. & July.	Facility across to	1900	1.
Sinking Fund Bondshio and Mississippi:	600,000		March	å Se	pt.	46	1890		Loan of 1868	1,139,500		Jan. & July	Philadelphia.	1893	1
lst Mortgage, (E. Div.)	2,050,000	7	Jan.	& Ju	lv.	New York.	1872		Loan of 1870, convertible Mortgage Loan of 1857, conv	2,520,000 118,000			44	1886	1:
lst Mortgage, (W. Div.)	850,000 534,000	7	44	4	1		1872 1874	85	Mort. Loans of 1843-44-48 & 49.	1,521,000	6	April & Oct	44	1880	1
lat Mortgage, (E. Div.).  lat Mortgage, (W. Div.).  2d Mortgage, (W. Div.).  Income Mort, (W. Div.).  Consolidated Mort.	221,500	7	1	4 0	ct.	66 66	1882		Mortgage Loan of 1868 Mortgage Loan of 1836 stg	2,700,000 182,400 976,800	5*	April & Oct Jan. & July	London.	1880	J.
Consolidated Mort. (sterling)	2,761,000 101,850		Jan.	& Ju	ly.	London.	1898 1898	95	Mortgage Loan of 1843 stg Mortgage Loan of 1836 stg	976,800 110,400	6*	4 4	4	1880	
Ureek and Allaghany Rivar	1	1							Mortgage Loan of 1836 stg	177,600	7*	41 41	***	74-7	7
ist mortgage (i), (), R. R.	1,500,000		Feb.	& A	ng.	Philadelphia.	1896 1882	84 85½	Consolidated   Dollar registered	5,500,000 1,462,000	7	June & Dec	Philadelphia.	1911	
lst Mortgage (War. & Fkln) Consolidated Mortgage	1,100,000		May	& N	ov.	44	1888	75	Mortgage { Gold or stg coup	4,000,000	6*		Phil. or Lond	1911	
d Colony and Newport: Plain Bonds		6	Marel	A Ro	mt	Boston.	1876	947	June 1, 1871. Gold or stg reg. Dollar coupon	876,000	6		Philadelphia	1911	4
	200,000	6	April	& O	ct.	"	1875		Philadelphia, Wilmington & Balt.	:		-100	HIS DONNERS	2772	
Plain Bonds maha and Northwestern:	1,450,000	7	Feb.	& A	ng.	"	1877	100%	Mortgage Loan, convertible Loan of 1866	345,000	6	Jan. & July April & Oct		1884	U
186 M. land grant, golds16.000nm		7.8	Jan.	& Ju	lly.	New York.	1901		Loan of 1867	1,000,000	6	1 . "		1887	
uaua auu comin western .	1	1.	June	4 D	100	Boston.	1896	871	Pickering Valley (Phila. & Rdg)	830,300	7	April & Oct	Philadelphia	1900	
lst Mortgage \$20,000 p. m					-				1st Mortgage, guaranteed Pittsburg, Cin. & St. Louis (Pa.):					DAY !	
lst Mort. (Alex. to Gordonsville 2d Mort. (Charlotte to Lynchb.				& N	ov.	New York.	1878 1875	93	Consol. Mortgage for \$10,000,000 1st Mort. (Steub. & Ind.) conv.	3,000,000	0 6	monthly.	New York.	1900	
	1 000,000	0 8	May	& N	ov.	Richmond.	1873	91	1st Mort.(Ct.& New'k 33m)con		7			1890	
4th Mort. " " Consolidated Mort	1,645,50		Marc	h & Se	pt.	Alexandria. New York.	1880 1882	804	Pittsburg & Connellsville:		7	Jan. & July	Baltimore.	1898	
BULE HIG Newark .	1				- 1			300	1st Mortgage of 1868, tax free 2d Mort. (Balt. Loan) of 1866	1,000,00	0 6	" "	- 44	1886	1
lst Mortgage. age Valley & Southern Kansas	546,00	0 6	May	& N	ov.	Newark.	1881		lst Mort. (Turtle Cr. Div.105 m	400,00	0 6	Feb. & Au	Z. Pittsburg.	1889	Ž.
Tar MOTEGAGE (N-W) Vesta)	200,00	0 10	Jan.	& Ju	ıly.	New Yor k.	1888		Pittsburg, Ft. Wayne & Chicago 1st Mortgage (Series A)	. 875,00				1912	
	240,00					New York.	1891		1st Mortgage (Series B)	. 875,00		Feb. & Au		1912 1912	
wego and Rome (B.W. & O.)		0 8	Jan.	& Ju	my.	New 1 ork.		1	1st Mortgage (Series C)	875,00	0 7	April & Oc	t. a a	1912	
Ist Mortgage	500,00		May	& N		New York.	1916		1st Mortgage (Series E)	875,00	0 7	May & No	7. 44 44	1912	
			Feb.		ug.				1st Mortgage (Series F)	860,00	0 7	Jan. & Jul	y. 41 41	1912	8
	183,00	0 7	May	& N	ov.	New York.	1885		2d Mortgage (Serles H)	800,00		Feb. & Au	g. " "	1912 1912	
	1,260,00	0 8	Jan.	& Ji	uly.	Boston,	1900	100	2d Mortgage (Series I) 2d Mortgage (Series K)	860,00	0 7	April & Oc	t. 11 11	1912	1
lst Mortgage guar. by(C.B.& Q. wensboro' and Russellville.	7-7						1887		2d Mortgage (Series L)	800,00		April & Oc May & No June & De	V. 41 41	1912 1912	
seific of Missouri (Atl & Page		- 8	Feb.	& A	lug.	New York.			2d Mortgage (Series M) 3d Mortgage		0 7	April & Oc	t. "	1912	
		0 6	Feb.	& A	ug	New York.	1888 1891	83	Bridge (O. & P. R. R.) bonds.	153,00	0 7	May & No	V. 41 4	1876	
Income Ronds	1.500.00			& J	uly.	# #	1892		Equipment Mort. of Mar. 1, 186 Construction bonds of Jan. 1,"		00 7	Jan. & Ju	to .	1874	
St. Louis County Bonds 1st Mort. (Lex. & St. Louis)gol	700,00	0 7	Mo	onthly		St. Louis.	1885 1887		Dimmonth Tombalane & Decide		1.			1001	
	1,000,00	0 7	Jan.	الالا	uly. Oct.	New York.	1889		lst Mortgage for \$3,600,000 Port Huron & Lake Michigan: 1st Mortgage gold, for \$1,800,0 Portland & Ogdensb.(Me.& N.H.		"	Jan. & Jul	у.	1901	•
metacon rac Membris:	1		-			W	1892		1st Mortgage gold, for \$1,800,0	00	. 7	May & No	v. New York	1889	)
lst Mortgage gold for \$2,805,000 anama;	1,071,00	7	Feb.	& A	Lug.	New York.			lst Mort. (Maine Section) gold	800,00	00 6	Jan. & Jul	y. Boston.	1900	,
1st Mortgage, stg £19,350	. 93,84		* Apri	1 &	Oct.	London.	1875 1897		1st Mort. (Maine Section) gold Consol. Mort. gold, for \$3,300,0 Portland and Ogdensburg (Vt.): 1st Mortgage gold, for \$2,300,0 Portland and Oxford Central:	00	. 6	* May & No	V. 44	1901	
aris and Decatur:	3,869,33	0 7	T* 14		66				Portland and Ogdensburg (Vt.):	00		* May & No	v. Boston.	1891	
1st Mortgage sold	. 1,200,00	00 7	Jan.	& J	uly.	New York.	1901		Portland and Oxford Central:	070.00		1 1 1 1 1 1	The state of	-	
1st Mortgage guaranteed	. 500,00	00	Jan.	A .T	nlw	New York.	1878	l	1st Mortgage of 1863 Portland and Rochester:	250,00	00	Jan. & Ju	y. Portland.	1883	
1st Mortgage guaranteed	):	1					1900	1	1st Mort.(Portland Loan)skg f	'd 700,00		Jan. & Ju	v. Portland.	1887	1
lst Mortgage, guaranteed emberton & Hights.(UC of NJ	1,076,00	90	Feb.					85	lst Mortgage (equal lien) 2d Mort. Sept. 1, 1871 for\$450,0	350,00	,00	March & Se	boston.	1887	
lst Mortgage guaranteed	160,00	00	7 Jan.	& J	uly.	Philadelphia	1889		IIPort Royal (8. G.):			(2) (2) (1) (1) (1)	T T.	398	
lst Mortgage guaranteed emberton & N. York (N.J.S.): lst Mortgage, guaranteed	500,00	00	-			Want Wash	1		lst Mortgage gold, skg fd 1st Mort. gold, guar. by Ga. C. Pougkeepsie and Eastern:	1,500,00	00	May & No	v. N. Y. & Lon	d. 1889 1889	;
OMETIDATION TOTAL AND STATE OF THE PARTY OF							1	1	Pougkeepsie and Eastern:	600.04		1	N		
1st Mortgage gold (S.F.)1st serie 1st Mortgage gold (S.F.)2d serie	979,00	00	7* May	& N	ov.	N.Y. & Lond	1900		1st Mort. gold, conv. & tax free Providence and Worcester:	800,00	100	Jan. & Ju	y. New York	. 1910	
ennsvivanja:	0,0,0	~   ·	.					1	1st Mortgage	300,00	00	Jan. & Ju	y. Providence	. 1880	)
1st Mortgage (Harr. to Pbg) 2d Mortgage (")	2.594 00	00	7 Jan.	& J	uly.	Philadelphia	1880	1014	Quincy, Alton and St. Louis:	850,0	00	* Mov & No	v. Philadelphi	1889	
2d Mortgage (")st. General Mortgage (coup.& reg	2,282,24		6 Apr				1875 1910		1st Mortgage gold	):	1		THE PARTY OF THE P		
State lien for \$17,500,000, skg f	18,604,50	00	6 J. A	. J. 6	tO.	Philadelphia Harrisburg.		0 94	1st Mortgage, guaranteed Quincy & Warsaw (C. B. & Q.)	500,0	00	May & No	v. New York	1890	,
enusvivania Coal.							1000	1	1st Mortgage, guaranteed	800,0	00	Jan. & Ju	y. Boston.	1890	)
lst Mortgage ennsylvania and Delaware:		00	7 Feb.	. & 1	Aug.	New York.	1881		18t Mortgage, guaranteed	800.0	00	March & Se		1882	
18t Mortgage	360,0	00	7 Feb	. &	Aug	Philadelphia	1901		2d Mortgage, guaranteed Rensselaer and Saratoga:	850,0		June & D			
Income Mortgage nnsylvania & New York(L.V.	310,0	00	7 Mar	ch & S	sept.		1891		Rensselaer and Saratoga: 1st Mortgage	150,0	00	Jan. & Ju	V. Tron	1873	3
Mortgage guaranteed.	1 1.500.0			e & :	Dec.	Philadelphia	1896	98	2d Mortgage	300,0	00	7 " "	y. Troy.	1880	0
eoria & Bureau Val.C. R. I. & D.	1,500,0	00	7 "		44	"	1906		ad Mortgage  3d Mortgage (Sara. & Whitel 1st Mort. (Troy, Salem & Rui 1st Mortgage (Henn's Falls).  Richmond and Danville: Virginia State Loan, skg fund Virginia State guar, bonds.	150,0	00	March & Do	New York	1887	
1st Mortgage guaranteed eoria & Hannibal (C. B. & Q.)	600,0	00	8 Jan	& J	uly	New York.	1877		1st Mort. (Troy, Salem & Rus	1.) 500,0	00	March & Be	V. 46 46	1886	0
let Mortgage traffic	800.0					-	1878		1st Mortgage (Glenn's Falls).	125,0		7 Jan. & Ju	y. 4 4	1894	1
lst Mortgage, traffic guarantee eoria, Pekin and Jacksonville:			8 Jan	. 00	шу				Virginia State Loan, skg fund	600,0		Jan. & Ju	y. Richmond		1
1st Mortgage	1.000.0			& J			1894 1900		Virginia State guar. bonds Consolidated Mortgage	157,8	00	6 "	"	1878	
2d Mort. conv., and tax free Peoria and Rock Island:	1,000,0		7 Apr			1		1	Rich., Frederickburg & Potoms	1,722,0	W)	May & No	v. New York	176-	9
1st Mort. gold, conv. & tax fre	e. 1,500,0	00	7* Feb	. &	Aug	N.Y. & Lon	d. 1900		Sterling Loan	67,7	77	5" Jan. & Ju		1878	
Philadelphia and Erie (Penn.): Let Mortgage (Sunb & Erie 40)								100	Dollar Loan	295,5 172,8	00	8 4 6	Richmond	. 1881	1
1st Mortgage(whole road 2874)	m) 5,000 0	00	61 "		66	. Philadelphia	1881	90	Dollar Loan	16	9 1	100		1870	
2d Mortgage ( " " Gen'l M. for \$20,000,000, gold	3,000,0 5,000,0	00	7 Jan	. & i	July	. "	1888	91	lst Mortgage	130,6		7 June & D	ec. Richmond	187	5
	CLAI D.UUD.O	KRN	95 PM		45		1920		lst Mortgage	175.0	UUI	8 April & ()	ar. I		

An Asterick (\*) affixed to rate of nterest signifies "Payable in Coln."

Description of Bonds.	Amount.	Ente.	Interest	rayaute.	Due.	ice	Description of Bonds.	Amount.	nte	Interest	rayanie.	9
Description of Douds.		E	When.	Where.	A	Price	Daniel or south	- June	B	When.	. Where.	Due.
Rockford, R. Island & St. Louis:	Diam's		LOCK TO A				Sioux City and Pacific:			and the second		
lst Mortgage tax free	\$9,000,000	7*	Feb. & Aug.	N. Y. & Lond.	1918		1st Mortgage gold Somerset (Me. Central):	\$200,000	6*	Jan. & July.	Boston.	1898
1st Mortgage, (W.&R.)Skg Fun	799,900		March & Sept.	New York.	1880		lst Mortgage gold	560,000	7"	June & Dec.	Boston.	1891
let Mort. (Potedam & Watert.)	827,000	7	June & Dec.	4 4	1201		South Carolina:	1 407 970			Tandon	182-188
Consoliususo more bike punu.	0225,000		and the same of		1891	****	lat Mortgage (L.) currency	1,407,270 807,500	7	Jan. & July.	London. New York.	182-188
Rondout and Oawego: 1st Mortgage, gold \$20,000 p.m. Rutland (Verm. Cen.& Can.):		7*	Jan. & July.	New York.	1890		lst Mortgage (L.) currency Domestic (H) Bonds	192,500	7	April & Oct.	Charleston.	1872
Rutland (Verm. Cen.& Can.):	500,000	7	May & Nov.	Boston.	1880	60	Domestic (G) Bonds	842,500	7	Jan. & July. April & Oct.	66	'73-'74 '88-'91
Equipment Mortgage, tax free. Equipment Mortgage iaint Croix and Penobscot:	\$00,000		March & Sept.	Boston.	1880	88	Domestic (I) Bonds	76,000		Jan. & July.	66	'80-'92
laint Croix and Penobscot:	01.000		S. Larrie	a	1000		Domestic (special) Bonds	71,260	7	various.	86	172-174
1st Mort. (Cal. & Baring) 2d Mort. (" ")	95,200 17,500		Jan. & July.	Calais, Me.	1879 1879	****	South Florida:		8			1
Calais Loan (Lewey's Island).	120,000		June & Dec.	- 44	1876	****	South Georgia & Florida (A.& G):	*******	0	*************	************	
t. Joseph & Denver City: 1st Mort. (E. D.) gold tax free.						1	lst Mort, assumed by Atl.& Gulf	464,000		May & Nov.	New York.	1888
let Mort. (E. D.) gold tax free. let M.(W.D)land grant, g'd tax	1,512,000	8*		N.Y. or Lond	1899	102 97±	2d Mort. " "	200,000	7	44 44	44	1889
te Louis Alton and Terre Haute	2				1000		South Mountain Iron(Cumb.Val): 1st Mortgage guaranteed	200,000	6	June & Dec.	Philadelphia.	1888
1st Mortgage (Series A) skg for 1st Mortgage (Series B) skg for	1,100,000		Jan. & July.	New York.	1894	101	2d Mortgage for \$200,000 South and North Alabama.	179,000		March & Sept.	4	1884
1st Mortgage (Series B) skg Td	1,100,000		April & Oct.	44 44	1894 1894	90	South and North Alabama.	00 000	0#	T 6 T-1-	War Wash	1000
2d Mortgage preferred (Series C	) 1,400,000 ) 1,400,000		Feb. & Aug. May & Nov.	66 66	1894		1st Mort., endor. by Ala., gold South Pacific (Atl. & Pac.)	22,000 pm	0	Jan. & July.	New York.	1890
2d Mortgage preferred (Series I 2d Mortgage Income (Series E	1,700,000	7	44 44	44 44	1884	801	1st Mortgage gold, assumed	7,189,000	64	Jan. & July.	New York.	1888
Equipment Mortgage	300,000	10	March & Sept.	41 44	1894		1st Mortgage gold, assumed South Shore (Mass.):	- :				
Let Mortgage gold \$16,000		7*	Jan. & July.	New York.	1901		1st Mortgage, sinking fund South Side (L. I.):	150,000	6	April & Oct.	Boston.	1880
1st Mortgage, gold \$16,000 it. Louis and Iron Mountain:			bain a buly.	ANGW TOTAL	1001		1st Mortgage, Mar. 1, 1867	2,250,000	7	Mar. & Sept.	New York.	1887
1st Mortgage& Chic.(C&A	4,000,000	7	Feb. & Aug.	New York.	1892	92	1st Mortgage, Mar. 1, 1867 South Side, Va. (A.M.& O.):					
L Louis, Jacksonv.& Chic. (C&A	9 990 000	7	Annil & Oct	Now York	1894	91	1st preferred bonds	675,000	8	Jan. & July.	New York.	184-190
1st Mortgage Mar. 16, 1864 guar 2d Mortgage May 1, 1868 guar.	- 2,929,000 - 548,000		April & Oct. Jan. & July.	New York.	1898		2d preferred bonds	617,000		4 4	44 44	'84-,9
2d Mortgage May 1, 1868 guar. St. Louis, Kansas City & North	:	1_		-			Southern Central:					
1st Mortgage (late North Mo.). St. Louis, Lawr. & Denv. (Pacific	6,000,000	7	Jan. & July.	New York.	1901	90	1st Mortgage, skg fund conv Southern Iowa and Cedar Rapids:	1,500,000	7	Jan. & July.	New York.	1900
1st Mortgage gold, guaranteed.	1,000,000	6*	Jan. & July.	New York.	1901		lat Mortgage gold.	1,500,000	71	May & Nov.	New York.	1900
1st Mortgage gold, guaranteed. t. Louis and South Eastern:	2,000,000			LIOW LUFK.		1	1st Mortgage gold Southern Minnesota:		1	many & NOV.	Mew Tork.	1000
lat Mort, gold skg rund conv	· 1 2,250,000		May & Nov.	New York.	1894	***	1st Mortgage land grant tax free	3,600,000		April & Oct.	New York.	'78-'8
1st M.(Evans.D.)gold skg f'd,co t. Louis and St. Joseph :	1,000,000	7			1896		2d Mortgage, land grant Southern (Cal.) Pacific:	3,000,000	7	Jan. & July.		1890
lat Mortgage gold	. 1,000,000	6	May & Nov.	New York.	1893		lat Mortgage gold for \$28,000,000.	5,750,000	6		l	
1st Mortgage goldt. Louis, Van.& T. H. (T.H.&I.)	:	1-					1st Mortgage gold for \$28,000,000. Southern Pennsylvania:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				1
1st Mortgage, guaranteed 2d Mortgage, (A.) guaranteed.	1,899,000		Jan. & July.		1897	****	lst Mortgage gold	625,000			Philadelphia	. 1890
2d Mortgage, (A.) guaranteed.	1,600,000		May & Nov.	66 66	1898 1898		2d Mortgage gold South Western (Cen. of Ga):	88,000	7	" "	".	1880
2d Mortgage (B.) convertible Income Mortgage	799,000		March 1.	Pittaburg.	1891		Plain Bonds, various conv	891,000	7	various.	Macon.	172-18
t. Paul and Chicago (M.& St. P.)	-				1000		1st Mortgage (Muscogee) conv Spartanburg and Union:	800,000	7		46	1721-7
1st M. land gr.gold skg fd endo	4,000,000	1.	J. A. J. & O.	New York.	1900	****	Spartanburg and Union: 1st Mortgage, end. by S. Car	350,000	7	Ton & Tuly	Charleston	1879
1st Mort. (St.P.to St.Anth.)10r		8	March & Sept.	New York.	1892	****	1st Mortgage not endorsed	198,370			Charleston.	1879
1st Mort.(St. Paul to Wab.)70 n	700,000		Jan. & July.	46 46	1892	****	1st Mortgage not endorsed Springfield & Illinois S. Eastern:					
2d M.(N.Line)80 m.& 1st land g			June & Dec.		1892	****	1st Mortgage gold, tax free	3,400,000		Feb. & Aug.	New York.	1900
General Mort. (R. R. & Lands) General Mort., (R. R. & L'ds) st		7	Jan. & July	London.	****		2d Mortgage gold, tax free Springfield and Northwestern:	1,000,000	7			1900
1st M .(W.Line) R.R. & Lands	6,000,000		- 4 -	New York.			lat Mortgage gold, skg fund	20.000 pm	7	Feb. & Aug.	New York	1901
2d M. (W.Line) R. R. & Lands	3,000,000	7	- & -	. "			1st Mortgage gold, skg fund Staten island:					1
St. Paul and Sloux City; 1st Mortgage \$16,000 p. m	2,000,000	7	Jan. & July	Now Voule	1896		1st Mortgage	200,000	1	Jan. & July.	New York.	1886
Land Stock on 400,000 acres	. 2.400,000				1890		Sterling Mountain:	850,000	7	Jan. & July.	New York.	1874
St. Paul, Stillwater & Taylor's F	:						1st Mortgage Sullivan (Verm. Central):	000,000	1.	oan. a outy.	11011 1011	20.2
1st Mortgage for \$450,000		. 8	Jan. & July	New York.	1901	****	1st Mortgage	500,00			Boston.	1875
lat Mortgage guar	. 100,000	6	Jan. & July	Philadelphia	1878		2d Mortgage	250,000	6	Feb. & Aug.	"	1880
alem and Lowell (B. & L.):		1 -		1	1010		1st Mortgage, skg fund	1,000,00	7	May & Nov.	New York.	1886
ist Mortgage	226,900	6	Feb. & Aug	Boston.	1878		Summit Branch:	1	1			
1st Mortgage guaranteed	2,525,000	7	Jan. & July	New York.	1909		1st Mortgage Sunbury and Lewiston:	174,00	6	Jan. & July.	Philadelphia	. 1875
an Fran., Uakland & Alameda:	2,1,20,000	1	oan. ac only	. New I can.	1909		1st Mortgage gold	1,200,00	9	April & Oct.	Philadelphia	1890
1st Mortgage gold	1,500,000	8	Jan. & July	. New York.			Superior and St. Croix:		1		Linusipala	1
Baratoga & Whitehall (R. & S.):	400,000	1 19	March & Cont	Nom Wash	1000	-	1st Mortgage, \$16,000 p. m		8			
1st Mortgage, guaranteed Savannah and Charleston:	400,000	1.	March & Sept	New York.	1886	****	Superior and Northwestern : 1st Mortgage, \$16,000		. 8			
1st Mortgage(Sav.& Char.)bone	8 500,000			New York.	1889		Suspens. Brid. & Erie Junc. (Erie)		0	1		
State guaranteed (C.& S.)bond		0 0	May & Nov	. Charleston.			1st Mortgage	1,000,00	0 7		New York.	
Funded Interest bonds		7			1889			900.00	1 -	Annil & Oct	Spanne	1878
1st Mortgage for \$500,000 guar. Savannah and Memphia:	. 152,000	0 7	Jan. & July	. Macon.	1891		1st Mortgage	200,00	1 1	April & Oct	Susaex.	19.19
avannah and Memphis:	10.000			1	1	1	1st Mortgage, guaranteed	188,50	0 6	Jan. & July	. Camden.	
1st Mortgage gold, endor	16,000pn	8	May & Nov	New York.	1890	****	Syracuse, Bing. & N.Y. (DL&W) 1st Mortgage	1 400 00				
1st Mortgage gold, tax free	300,00	0 7	* Jan. & July	New York.	1900		2d Mortgage	1,400,00		June & Dec		1879
lat Mortgage gold, tax free Seaboard and Rounoke:		1 -					Syracuse and Chenango Valley:	1	1.			
1st Mortgage	210,00	0 3	Jan. & July	New York	1800	***	lst Mort. gold, for \$500,000		. 7	* Feb. & Aug	New York.	1891
leima and Guit: 1st M. (guar. by Ala.) \$16,000p.	n.	. 8	April & Oct	New York	1890		Tebo and Neosho (M. K. C.& T.)	1 100 00	1	June & Dec	Way Varle	1903
lelma, Marion and Memphis:		1 -				1	Terre Haute & Indianapolis:	1,100,00	7	June & Dec	New York.	1900
1st M.gold gr. by Ala. \$16,000p	n	. 8	March & Sep	t. New York	1889		Ist Mortgage	- 800,00	0 7	April & Oct	New York.	1897
elma, Rome and Dalton: 1st Mortgage, tax free	5,000,00	0 7	April & Oct	New York	1887	1	Tioga :   1st Mortgage	049.00	0 -	Mar & W	Now West	1070
2d Mortgage	4,000,00	0 7	Jan. & July	7. 66 64	1890		Toledo, Peoria and Warsaw:		1 3	May & Nov	. New York.	1872
2d Mortgage. Equipment Mortgage	230,00	0 1	10 " "	66 66	1881		1st Mortgage (E. Div.) 110 m			June & Dec	New York.	1894
Shamokin Valley & Pottsy.(N.(	. 20	0 "	Fob & Am	Philedelphi	1970		1st Mortgage (W. Div.) 117 m	1,800,00	0 1	Feb. & Aug	46 46	1896
1st Mortgage, guaranteed Theboygan and Fond du Lac	100,00	1	Feb. & Au	r umosibu	1672		2d Mortgage (W. Div.) 117 m Equipment Mort. sinking fund.	1,300,00		April & Oct	44 44	1886 1879
1st Mortgage	729,00			c. New York	1884		Consol. Mort. 227 m. \$6,500.000.	1,406,00			46 46	1910
1st Mortgage extension	694,00	0 8	April & Oc	6. 66 66	1896	***		250,00		June & Dec	44 44	1910
Shenango and Allegheny: let Mortgage for \$1,000,000	638,00	0 .	Aneil & O.	Now Vork	1000		Tom's River & Watert.(N.J.So.)	2			1	1
Shepang Valley (CL):	1		April & Oc	t. New York	1889		Troy & Bennington (T. & ):	80,80	0 7		. New York.	. 1888
lat Mortgage Shore Line (N. Y. & N. H.):	350,00	0 7	April & Oc	t. New York	1891		1st Morigage sky fund, uar	. 100,60	0 1	Jan. & July	Troy.	1878
Shore Line (N. Y. & N. H.):	000.00						Troy and Boston:			DEMONITORY OF		A STORY
let Mortgage construction Sloux City and St. Paul:	200,00	0 7	March & Sep	L Boston.	1880	***		- 800,00	0 1	Jan. & July	New York	1887
1st Mortgage Land Grant Mortgage gold	700.00	0 8	May & No	New York	1901		2d Mortgage	- 800,00 - 650,00	9	May & Nov	6 6 66	1885
	1.0100	21 3	Jan. & July					1 000,00	W1 7		4 4	1882

An Asterick (\*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.		Payable.	Due.	Price	Description of Bonds.	Amount.	ate.	Interest l		Dae.	1
Description of Donas		R	When.	Where.	A	E	I I I I I I I I I I I I I I I I I I I	THE PE	R	When.	Where.	A	1
ndianapolis, Cin. and Lafayette:				w			Lake Shore & Michigan So.:	A1 800 000		A	W V	1070	1.
1et Mortgage Ind & Cin. of 1808	\$1,589,500 2,770,000	7	April & Oct. Feb. & Aug.	New York.	1888		Sinking Fund Oct. 1, 1869 Consol. registered July 1, 1870	\$1,800,000 3,699,000	1	April & Oct. J. A. J. & O.	New York.	1879	1
1st Mortgage(I. C.& L.F.)of 1867 1st Mortgage( ")of 1869	2,770,000 1,566,000	7	June & Dec.	" "	1899		Consol, coupon July 1, 1870	1,834,000	7	Jan. & July.		1890 1890 1899	
dianapolis and St. Louis :	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						Dividend (Lake Shore) Ap. 1, '69	1.500,000	7	April & Oct.	4 4	1899	1
1st Mor gage	0 000 000	7	Jan. & July.	New York.	1916		Reg. Jan. 1, 1855 C.P.& A. R.R.	1,000,000	7	Jan. & July.		1874	А
lst Mortgage	2,000,000	7	April & Oct	46 46	1916		3d Mort. 9ct.1, '67 "	1,000,000	7	April & Oct.		1890 1892 1872 1885 1886 1885 1877 1878 1882 1886 1898	4
d Mortgage	1,000,000		" "	4 4	1900		1st Mort. (Junc.R.R.) Dec.1, 1852	115,000	7	June & Dec. Jan. & July.	. 4 4	1872	d
Equipment Mortgage	500,000	8	Jan. & July.	" "	1881		SkgFund July 1, 1855 C. & Tol.	2,014,000	7	Jan. & July.	4 4	1866	ă
wa Eastern:	14 0000000	7*	Feb. & Aug	New York.	1902		Mort. April 1, 1866 " 1st Mort. Mayl, 1855M. S. & N.I.	864,000 5,256,000	7	April & Oct.	. 4 4	1885	H
st Mortgage goldwa Falls & Sioux City (Ill.Cen.):	14,000pm		Feb. & Aug	New LOIL.	1002		2d Mort. Oct 31,1857 "	2,698,000	7		44 44	1877	ä
st Mortgage guaranteed	2,960,000	7	April & Oct	New York.	1917		Mort. Nov. 1, 1858 "	100,000	7	May & Nov. Jan. & July.	4 4	1878	ä
st Mortgage guaranteed wa Midland (C. & N. W.):		-				1000	Mort. July 1, 1862 Buff. & Erie.	200,000	1 7	Jan. & July.	4 4	1882	ı
lst Mort., \$16,000 guar		8	Feb. & Aug	New York.	1900	105	Mort. Sept. 1, 1866 " Mort. April 1,1868 "	3,000,000		March & Sept.	44 44	1898	ı
onton (Penn 1.):	100,000	7	May & Nov	Philadelphia.	1875		1st Mort. Aug.1,1856(D.M.&Tol.			April & Oct. Feb. & Aug.	4 . 4	1876	
lst Mortgagehaca and Athens:	100,000		may a 1101	a amado pana	120.0	1	lst Mort. Sept. 1,1869(K.&W.P.	400,000	7	Jan. & July.	44 44	1870	
st Mortgage gold, skg fund	600,000	7	Jan. & July	New York.	1890	100	1st Mort. Oct.1, 1867(Sch&ThR.	100,000	5	4 4	4 6	1887 1887	
ckson, Lansing & Saginaw(MC):				W 77 1		1011	1st Mort. Oct. 1, 1867(Kal. & Sch.	100,000		4 4	4 4	1888	
st Mortgage	1,495,000		Jan. & July		1886 1888	1014	1st M.July1,'68(Kal.Ail.& Gr.R. 1st Mort.July 1, 1863(J.&Frank.	500,00			4 4	Var	
2d Mortgage	500,000		March & Sept	4 4	1890		2d Mort. Jun.1, 1869 "	\$00,00		June & Dec.	44 44	1894	A
lst Mortgage, Northern Ext cksonville, Pensac. and Mobile	540,000	-	May & NOV		1000	1	Lawrence (P. Ft. W. & Chi.):		1	A letter		1,5307	
let Mort. Florida State Loan g'd	4,000,000	8	Jan. & July	New York.	1900		1st Mortgage, guaranteed Leavenworth, Lawr. & N. West'n	. 600,00	7	April & Oct.	Philadelphia	1805	
mest'n & Frank. (L.S.& M.So.)							Leavenworth, Lawr. & N. West'n	077.00		Web & Am-	Now Week	1000	
1st Mortgage guaranteed	496,000		Jan. & July	New York.	1897 1894		let Mort. guar. by Pac. of Mo	. 855,00	7	Feb. & Aug.	New York.	1699	
2d Mortgage guaranteed flerson (Erie):	500,000	7	June & Dec		1094		Leaven., Lawrence & Galveston: 1st Mort. skg fund conv., gold	. 5,000,00	0 10	Jan. & July.	N. Y. & Bost	1899	
lst Mort. (Hawley Section)	206,000	7	Jan. & July	New York.	1887		Lehigh and Lackawanna:	1	1 -	100	State and the	1000	
Zu Morte ( )	D'1,000	7	4 4	66 66	1889		1st Mortgage tax free	. 300,00	7	Feb. & Aug.	Philadelphia.	1897	
ist Mort. (Carbondale Section).	2,000,000		-66 66	44 44	1589	****	Lehigh Vailey:	000.00	6	May & Non	Philadelphia	1873	
effersonville, Madison & Indian.	0.000.000	7	A 6 000	Now Vork	1906	1	lst Mortgage (old loan)	e 3,546,00		June & Dec	r minderphin	1898	
1st Mortgage consol 2d Mortgage consol	2,089,000				1910		2d Mortgage for \$6,000,000		-	March & Sept.	44	1910	
1st Mortgage (Ind & Mad.)guar.					1882		Lexington & St. Louis (P.of Mo.)		1.	1000 LUCON	10. 10.00	100	
2d Mortgage (Jeffersonville R.R.					1873		1st Mortgage gold	. 1,000,00	0 8	June & Dec.	New York.	1899	
oliet and Chicago (C. & Alton):				37	1000	1	Little Miami:	. 1,474,00	6	May & Nov.	New York.	1883	
1st Mortgage skg fund guar		8	Jan. & July	New York.	1882		1st Mortgage Street Connection Bonds	500,00	0 6		a Tora.	1994	
oliet & Northern Ind. (Mich. C.) 1st Mortgage, guaranteed		8	Jan. & July	New York.	1874		Little Rock and Fort Smith:	,	1.		BERLING BAS		
inction (Cin. & Indianapolis):	1					1	1st Mortgage gold	. 3,000,00	0 6	Jan. & July.	N. Y. & Bost	1900	
1st Mortgage	1,200,000				1885		Land Grant sinking fund	. 5,000,00	0 7	April & Oct.		1900	
2d Mortgage	798,000				1893		Little Schuylkill (Phila. & Rdg.):	. 771,50	0 7	April & Oct	Philadelphia.	1877	
1st Mortgage (Newcastle Br.) inction, Philadelphia:	250,000	7	June & De		1884	****	Logansport, Crawf. & S'watn Ind		9	apin a ou	- munderpunk	12000	
1st Mortgage, guaranteed	500,000	6	Jan. & July	Philadelphia	1882		lst Mortgage gold	1,500,00	0 8	* F. M. & A. N.	New York.	1900	
2d Mortgage not guaranteed			April & Oc		1900		Long Br. and Sea Shore (N.J.So.)	:				1,000	
unction and Breakwater:					****		1st Mortgage guaranteed	200,00	0 0	Jan. & July.	New York.	1889	
1st Mort. guar. by Delaware	400,000	0 6	Jan. & July	New York.	1890		Long Dock (Erie): 1st Mortgage guaranteed	. 8,500,00	0 7	June & Dec	New York.	1802	
alamazoo, Allegan& Gr. Rapids 1st Mort. assumed by LS&MSo	840,000	8	Jan. & July	New York.	1888		Long Island:	. 0,000,00	1		No. 12 A G. Co.		
alamazoo and Schoolcraft :	020,000	1	Jun a Jun	1 21011 20111	2000	1	1st Mortgage main line	. 500,00			New York.	1875	ê
1st Mort. assumed by L.S.&M.S		0 8	Jan. & July	New York.	1887		1st Mortgage (Extension)	1 175,00		Tron de Trug		1890	
alamazoo, & S. Haven (M.Cen.)	-			Destan	1000	100	lst Mortgage (Glen Cove Br.)	150,00		May & Nov	1	1893	
lst Mortgage guar, by lessees alamazoo & White Pigeon:	. 640,000	0 8	May & No	Boston.	1889	100	lst Mortgage (Glen Cove Br.). General Mortgage Louisville & Miss. Riv. (Ch.& Al	775,00	9	The state of the s	- 15	1000	
1st Mort. assumed by L.S.& M.S	400,00	0 7	Jan. & Jul	New York.	1890		1st Mortgage	4,800,00	0 7	Feb. & Aug	New York.	1900	,
an. City, St. Jo. & Coun. Bluffs						1	Louisville, Cincin. and Lexington	1:	1.		The second	100	j
1st Mort. (C. B. & St. Jo. 52 m.)	. 500,000	0 7	Jan. & Jul	v. N. Y. & BOE	t. 1888	1	1st Mortgage for Cincinnati Br.	8,000,00		Jan. & July	New York.	1897	i
2d Mort. (" " " )	. 150,000	0 10	" "		1878	****	2d Mortgage for \$1,000,000	345,00	0 8	April & Oct		1900	1
1st Mort. (StJo.&CB.78 m)ev.t.fi	1,400,000 539,50	0 8	June & De	live .	1892 1874		ionisville and Nashville: 1st Mortgage (main line 185 m.)	554,0	0 7	Jan. & July	New York.	178-17	7
				U.	1893		1st Mortgage (Memp Br.46.37m	139,00	00	May & Nov		172-17	
1st Mort. (Mo. Valley 130 m.) 1st Mort. (" )gl	1,000,00		# 11 11	4 46	1893		1st Mortgage (Memp Br.46.37m 1st Mort. (Leb. Br. Ext. 73.2m.	88,00	00	" "	1 " "	'80-'8	8
Consolidated Mort. (260m.)conv	687,00	0 8	March & Sep	t. " 66	1892		Consol.M.for \$8,000,000(392 m. Louisv., N. Al. & St. Lo. Air-Line	6,647,0		April & Oct	4 4	1898	1
ansas City & Santa Fe (LL&G)		100					Louisv., N. Al. & St. Lo. Air-Line	8.			37 37	1.001	ĕ
1st Mortgage guar. by Lessees. ansas Pacific:	2,000,00	0 10	May & No	v. Boston.	1900		1st Mortgage gold, \$25,000 p. m. Macon and Augusta :	2,875,0	0	_ & _	New York	1901	•
1st Mort, (1st Div. 140 m.) gold.	. 2,240,00	0 6	Feb. & An	g. N.Y. & St. L	0. 1895	85	1st Mortgage end.by State of G	a. 670,00	0 7	Jan. & July	New York.	188-16	9
1st Mort. (2d Div. 253.94 m.)gol		0 6	June & De	C. 4 4	1896	86	1st Mortgage not guaranteed	100,00	00 7	" " "	" "	1890	Ī
1st M.(3dD.244.66m.& 3,000,000s	6,500,00	0 3	May & No	v. N. Y. & Lon	d. 1899	102	1st Mortgage not guaranteed Macon and Brunswick:				I	1	ı
1st Mortgage (1,000,000 acres).	216,00	0 3	March & Ser	L. N. Y. & St. L	0. 1876		1st Mort. endorsed by Ga		100	Jan. & July May & Nov	1 46 46	1877	
1st Mortgage (2,000,000 acres)gl 1st Mort. (Leavenworth Branch	d 1,389,00 600,00		Jan. & Jul	v. N. Y. & Lon y. N. Y. & St. L	0. 1898	86	2d Mortgage	1,100,0				1888	ĺ
2d Mortgage (Gov't Subsidy)	. 6.303,00	0 6	0 1 10 11	U. S. Treas	. 196-	97	Equipment Mortgage	150,0		" "	" "	1879	
ent County (Del.):	. 4,275,85	9 7	March & Sep	t	1916		Macon and Western:		1.	A STATE OF THE STA	13 1000	200	
ent County (Del.):	400.00			PM 12 2 2 1 1 1	1000	or	1st Mortgage of Oct. 1870	150,0	100	April & Oct		. 1880	,
lat Mortgage for \$600,000 entucky Central:	400,00	0 6	Jan. & Jul	y. Philadelphia	s. 1880	85	Maine Central: Consolidated Mort. for \$7,500,00	3,000,	0	April & Oct	Boston.	1912	
let Mortgage (Cov. & Lex.)1852	128,00	0 3	March & Ser	t. New York	. 1872		\$1,100,000 Loan, tax free	746,3			Boston.	1898	
2d Mortgage ( " )18:3	844,00			66 66	1883		81,100,000 Loan, tax free Bangor (P. & K.) Loan	514,0		April & Oct	46	1875	•
2d Mortgage ( " )18:3 3d Mortgage (Kent. Cen.) 1865 ook., Iowa C.& Minn. (TW&W	. 237,00	0 7	June & De	ic. 66 66	1885		Extension (gold) Loan	491,0	00	5 4 4		1900	
ook., Iowa C.& Minn. (TW&W	):		7# Tax 4 -	N	1000		\$1,100,000 (A. & Ken.) Loan	1,100,0		Feb. & Aug	Anomete	190-1	å
lat Mort. gold conv. traffic guar cokuk and St. Paul (C.B.& Q.)	20,000pr	n	Jan. & Jul	y. New York	. 1892		lst Mortgage (Ken. & P.) Consolidated (P. & K.) Loan.	1 149 3	100	April & Oct	Boston.	1885 1895	ĺ
1st Mortgage traffic guar	1,000,00	0 5	April & O	t. Boston.	1879		1st Mortgage (S. & K.)	200.0	001 9	4 4	Bonton.	1874	į
ackawanna & Bloomsb(DL&W	):	1	mpin & O	Doston.	1018	1	lst Mortgage (S. & K.) 2d Mortgage (" ")	260.0	00			1876	
1st Mortgage	900,00		Jan. & Jul				lst Mortgage (L. & F.)	338,0	00	Jan. & July	4	1901	ı
1st Mortgage (Extension)	400,00	0 3	March & Ser	t. 41 44	1885		Bath (Androscoggin) Loan	425,0	00	" "	4	1891	
2d Mortgage	500,00	0		- No	1880		Mansfield & Framing. (B.C.&F.	900 0	,	Ton & Tol	Boston	1000	
Income Mortgage	200,00	00	Jan. & Jul		1890 1881		1st Mortgage, guaranteed Marietta and Cincinnati:	800,0	~	Jan. & July	Boston.	1889	1
2d Mortgage 2d Mortgage (Extension) Income Mortgage Crosse, Trempeleau & Prescott	250,00	"	· Jan. & Jul	3.	1001		1st Mortyage, Sterling	1,050,0	00 3	Feb. & Aug	London.	1891	ı
THE MEDIC MEETING DY C. OCH. W	.! 1.000.00	0 10	0 _ & -	- New York	. 1877		1st Mortyage, Sterling	2,450,0	00 3	1 44 44	Baltimore.	1891 1896	ĺ
of Blooming & Miss (TWA-W	10				1		11 2d Mortgage Dollar	2.500.00	0 3		. "	1896	į
1st Mortgage gold guar	. 1,300,00	0 7	7* Feb. & Au	g. New York	1891	85	8d Mortgage Dollar	2,540,0	00		4	11890	).
lat Mortgage gold coas	1 500 00		Toh: 4	Now West	1003		8d Mortgage Dollar 1st Mort. (Scioto & H.Val. R.R Marietta and Pittsburg:	300,0	~	May & Nov		1696	-
lst Mortgage gold guar	1,500,00	0	7* Feb. & Au	g. New York	1901	****	let Mortgage gold	1,500,0	00	Feb. & Aug	Boston.	1896	ĺ
lat Mortgage gold	2,000,00	0	7* April & O	t. New York	1901		1st Mortgage gold		1	CEGO TARREST	971-76(1999)	2000	
ake Superior & Mississippi :	1						Income Bonds	150,0	100	June & Dec	Boston,	1876	,
lat Mort, skg fund gold tax free	4,500,00			y. N.Y.Ba.&P	h. 1899		massawippi Valley (O. & P. R.)	400.0			Destan	1.000	J
and more gold that Hop and con-	al 320.00	WI 1	April & O	M. 1	1900		1 let Mortgage guaranteed	. 400,0	W I	Feb. & Att	Boston,	111990	ø

An Asterick (\*) affixed to rate of nterest signifies "Payable in Coln."

Description of Bonds.	Amount.	Rate	When.	Payable. Where.	Due	Price	Description of Bonds.	Amount.	Rate	When.	Where.	Due.	1
ockford, R. Island & St. Louis:		-	11 11 11		-	-	Sioux City and Pacific:	_	_	W Hells	W Here:	-	+
1st Mortgage tax free	\$9,000,000	7*	Feb. & Aug.	N. Y. & Lond.	1918		1st Mortgage gold	\$200,000	6*	Jan. & July.	Boston.	1898	1
ome, Watertown & Ogdensb.: 1st Mortgage, (W.&R.)Sig Fund 1st Mort. (Potsdam & Watert.).	799,900	7	March & Sept.	New York.	1880		Somerset (Me. Central): 1st Mortgage gold	560,000	7*	June & Dec.	Boston.	1891	1
1st Mort. (Potsdam & Watert.).	827,000		June & Dec.	41 44	'72-'74		South Carolina:					2	
Consolidated Mort. Skg Fund condout and Oswego:	824,500	1			1891		lat Mortgage Sterling	1,407,270 807,500		Jan. & July.	New York.	182-188	8
1st Mortgage, gold \$20,000 p.m utland (Verm. Cen.& Can.):		7*	Jan. & July.	New York.	1890		Domestic (H) Bonds	192,500	7	April & Oct.	Charleston.	1872	4
utland (Verm. Cen.& Can.):	\$00,000	7	May & Nov.	Boston.	1880	60	Domestic (G) Bonds	342,500 1,470,000		Jan. & July.	44	'73-'74 '88-'91	4
Equipment Mortgage, tax free Equipment Mortgage			March & Sept.		1880	88	Domestic (I) Bonds	76,000		Jan. & July.	46	180-192	2
dat Chair and Penahscat:	05 000		Ton & Tule	Calata Ma	1879		Domestic (special) Bonds	71,260	7	various.		172-174	4
1st Mort. (Cal. & Baring) 2d Mort. ("")	95,200 17,500	6	Jan. & July.	Calais, Me.	1879		South Florida: 1st M. endor.by State \$16,000pm		8				
Camin Post (Peach, a Tatand)	180,000		June & Dec.	44	1876		South Georgia & Florida (A.& G):						
Joseph & Denver City:	1.612.000	8*	Feb. & Aug.	N. V. or Lond.	1899	102	1st Mort. assumed by Atl. & Gulf 2d Mort. " " "	464,000 200,000	7	May & Nov.	New York.	1888 1889	
1st Mort. (E. D.) gold tax free 1st M.(W.D)land grant, g'd tax fr	15,000pm	8*	" "	4 4	1900	974	South Mountain Iron(Cumb.Val):						
Louis, Alton and Terre Haute: 1st Mortgage (Series A) skg fd.	1,100,000	7	Jan. & July.	New York.	1894	101	1st Mortgage guaranteed	200,000		June & Dec.	Philadelphia.	1888 1884	
lat Mortgage (Series B) skg f'd.	1,100,000	7	April & Oct.	66 46	1894		2d Mortgage for \$200,000 South and North Alabama.	179,060		March & Sept.		100#	
2d Mortgage preferred (Series C)	1,400,000	7	Feb. & Aug.	44 44	1894	90	1st Mort., endor. by Ala., gold	22,000 pm	8*	Jan. & July.	New York.	1890	
2d Mortgage preferred (Series D) 2d Mortgage Income (Series E).	1,700,000	7	May & Nov.		1894 1884	801	South Pacific (Atl. & Pac.): 1st Mortgage gold, assumed	7,189,000	6*	Jan. & July.	New York.	1888	
Equipment Mortgage	300,000	10	March & Sept.	46 46	1894		South Shore (Mass.):			ban. & bury.			
Louis, Coun. Bluffs & Omaha:		7*	Ton & Tule	Now Voul	1901		1st Mortgage, sinking fund South Side (L. L.):	150,000	6	April & Oct.	Boston.	1880	
ist Mortgage, gold \$16,000 Louis and Iron Mountain:	********		Jan. & July.	New York.	1901		lat Mortgage, Mar. 1, 1867	2,250,000	7	Mar. & Sept.	New York.	1887	
ist Mortgage	4,000,000	7	Feb. & Aug.	New York.	1892	92	1st Mortgage, Mar. 1, 1867 South Side, Va. (A.M.& O.):	-					
Louis, Jacksonv. & Chic. (C&A): ist Mortgage Mar. 16, 1864 guar.	2,929,000	7	April & Oct.	New York.	1894	91	1st preferred bonds	675,000		Jan. & July.	New York.	184-190	
d Mortgage May 1, 1868 guar Louis, Kansas City & Northn:	548,000	7	Jan. & July.	4 4	1898		2d preferred bonds			4 4	44 44	184-19	N
Louis, Kansas City & Northn:	8 000 000			Nom W.	1001	80	Southern Central:				N		ĺ
Louis, Lawr, & Deny, (Pacific):	0,000,000	-	Jan. & July.	New York.	1901	80	1st Mortgage, skg fund conv Southern Iowa and Cedar Rapids	1,500,000	1	Jan. & July.	New York.	1900	
st Mortgage gold, guaranteed Louis and South Eastern:	1,000,000	6*	Jan. & July.	New York.	1901		1st Mortgage gold	1,500,000	7	May & Nov.	New York.	1900	
Louis and South Eastern : at Mort. gold skg fund conv	2,250,000	7	May & Nov.	New York.	1894		Southern Minnesota:						5
st M.(Evans.D.)gold skg f'd,con			May & Nov.	Hew Tork.	1896		1st Mortgage land grant tax free	3,600,000		April & Oct. Jan. & July.	New York.	1890	ě
Louis and St. Joseph:							2d Mortgage, land grant Southern (Cal.) Pacific:					2000	
st Mortgage gold	1,000,000	0-	May & Nov.	New York.	1993		lst Mortgage gold for \$28,000,000. Southern Pennsylvania:	5,750,000	6		************		
st Mortgage, guaranteed	1,899,000		Jan. & July.	New York.	1897		1st Mortgage gold	625,000	7	March & Sept.	Philadelphia.	1890	
d Mortgage, (A.) guaranteed	1,600,000	7	May & Nov.	46 46	1898		2d Mortgage gold		7	March & Sept.	46	1880	
d Mortgage (B.) convertible ncome Mortgage	799,000		March 1.	Pittsburg.	1898 1891	****	South Western (Cen. of Ga): Plain Bonds, various conv	891,000	7	various.	Macon	172-18	4
Paul and Chicago (M.& St. P.):						1	1st Mortgage (Muscogee) conv.			various.	Macon.	1721-7	
st M. land gr.gold skg fdeudor. Paul and Pacific 1st Division:	4,000,000	7*	J. A. J. & O	New York.	1900		Spartanburg and Union:						
st Mort. (St.P.to St.Anth.)10m.	120,000	8	March & Sept	New York.	1892		1st Mortgage, end. by S. Car 1st Mortgage not endorsed	350,000 198,370		Jan. & July.	Charleston.	1879 1879	
st Mort.(St. Paul to Wab.)70 m.	700,000	7	Jan. & July	46 46	1892	****	Springfield & Illinois S. Eastern:	100,010				7019	
d M.(N. Line) 80 m.& 1st land gr.	2,020,000				1892	****	1st Mortgage gold, tax free	8,400,000		Feb. & Aug.	New York.	1900	
General Mort. (R. R. & Lauds) General Mort., (R. R. & L'ds) stg.	1,000,000		Jan. & July	London.	****	****	2d Mortgage gold, tax free Springfield and Northwestern :	1,000,000	7	" "		1900	
st M .(W.Line) R.R. & Lands	6,000,000	7	- & -	New York.			lst Mortgage gold, skg fund	20,000pm	7	Feb. & Aug.	New York	1901	
2d M. (W.Line) R. R. & Lands Paul and Sioux City:	8,000,000	7	- 4 -				Staten Island:						
st Mortgage \$16,000 p. m	2,000,000	7	Jan. & July	New York.	1896		1st Mortgage Sterling Mountain:	200,000	7	Jan. & July.	New York.	1886	
Land Stock on 400,000 acres	2,400,000		J. A. J & J.	44 44	1890		1st Mortgage	850,000	7	Jan. & July.	New York.	1874	
Paul, Stillwater & Taylor's F. : at Mortgage for \$450,000		8	Jan. & July	New York.	1901		Bullivan (Verm. Central):			Ton & Tul-	Destan	1000	
em (W. Jer.):	********	-	1000		LWOT		1st Mortgage	500,000 250,000	6	Jan. & July. Feb. & Aug.	Boston.	1875 1880	
st Mortgage guar	100,000	6	Jan. & July	Philadelphia.	1878		Sullivan and Erie:						
lem and Lowell (B. & L.): at Mortgage	226,900	6	Feb. & Aug	Boston.	1878		lst Mortgage, skg fund	1,000,000	7	May & Nov.	New York.	1886	
nd., Mansfield & Newark (C&O.)	220,000	-	eco. ac Aug	Doston.	1010		Summit Branch: 1st Mortgage	174,000	8	Jan. & July.	Philadelphia	1875	
st Mortgage guaranteed	2,525,000	7	Jan. & July	New York.	1909	****	Sunbury and Lewiston:		1				
n Fran., Oakland & Alameda:	1,500,000	8*	Jan. & July	New York.	1		1st Mortgage gold Superior and St. Croix :	1,200,000	7	April & Oct.	Philadelphia.	1890	
st Mortgage goldratoga & Whitehall (R. & S.):							1st Mortgage, \$16,000 p. m		8	************			
lat Mortgage, guaranteed vannah and Charleston:	400,000	7	March & Sept	New York.	1886	****	Superior and Northwestern :		1				
st Mortgage (Sav. & Char.) bonds	600,000	7	Jan. & July	New York.	1889		1st Mortgage, \$16,000 Suspens. Brid. & Erie Junc.(Erie)		8	************	************		
State guaranteed (C.& S.)bonds.	505,000	6	May & Nov	Charleston.	1870		1st Mortgage	1,000,000	7		New York.		
Funded Interest bonds vannah, Griffin & North Ala.:	157,400	7			1889		Sussex (N. J.):		1				
st Mortgage for \$500,000 guar vannah and Memphia:	152,000	7	Jan. & July	Macon.	1891		lst Mortgage	1	7	April & Oct.	Sussex.	1878	
vannah and Memphis:	10 000-		100				let Mortgage, guaranteed	188,500	6	Jan. & July.	Camden.		
st Mortgage gold, endor henectady & Susq.(D.&H.Can.)	10,000pm	0	May & Nov	New York.	1890	****	Syracuse, Bing. & N.Y.(DL&W) 1st Mortgage	1 400 000		100	A. C. L. D. C. C.	1879	
at Mortgage gold, tax free	800,000	7	Jan. & July	New York.	1900		2d Mortgage	1,400,000		April & Oct.		1887	
aboard and Roanoke:	210,000				1900	1	2d Mortgage Syracuse and Chenango Valley:	1	1				
st Mortgage ma and Gulf:	1			New York.	1800		Tebo and Neosho (M. K. C.& T.)	********	1	Feb. & Aug.	New York.	1891	
at M. (guar. by Ala.) \$16,000pm		8	* April & Oct	New York.	1890		1st Mortgage gold, skg fund Terre Haute & Indianapolis:	1,163,000	7	June & Dec.	New York.	1903	
ma, Marion and Memphia: at M.gold gr. by Ala. \$16,000pm		8	March & Sept	New York.	1889		Terre Haute & Indianapolis:	900 000	1			1	
ma, Rome and Dalton:		1			1009	1	Tet Mortgage	800,000	1	April & Oct.	New York.	1997	
t Mortgage, tax free		7	April & Oct	New York.			let Mortgage	243,000	7	May & Nov.	New York.	1872	
d Mortgage	4,000,000	1	Jan. & July		1890		Toledo, Peoria and Warsaw:						
amokin Valley & Pottsy (N.C.)					-11		1st Mortgage (E. Div.) 110 m 1st Mortgage (W. Div.) 117 m	1,600,000		Feb. & Aug.		1894 1896	
let Mortgage, guaranteed	700,000	7	Feb. & Aug	- Philadelphia	. 1872		2d Mortgage (W. Div.) 117 m Equipment Mort, sinking fund.	1,300,000	7	April & Oct.	66 64	1886	
leboygan and Fond du Lac	720 000	7	June & Dec	New York.	1884		Consol Mort 227 m 48 500 000	94,000	8	Jan. & July.	66 66	1879	
let Mortgage extension	694,000	8	April & Oct	4 1 OFIL	1896		Consol. Mort. 227 m. \$6,500,000. 1st Mortgage (Burl. Br.) 19 m. Tom's River & Watert.(N.J.So.)	1,406,000 250,000	7	June & Dec.		1910	
enango and Auegneny:		1					Tom's River & Watert.(N.J.So.)		1	Took.	-	17.00	
epaug Valley (Ct.):	638,000	7	April & Oct	New York.	1889	****	1st Mortgage guaranteed	80,80	7		New York.	1888	
ast Mortgage	350,000	7	April & Oct	New York.	1891		Troy & Bennington (T. & ): 1st Mortgage skg fund, uar	100,600	7	Jan. & July.	Troy.	1878	
ore Line (N. Y. & N. H.):		-					Troy and Boston:		1				
lat Mortgage construction our City and St. Paul:	200,000	17	March & Sep	Boston.	1880		1st Mortgage	800,000	7	Jan. & July	New York.	1887	
and and the party	700,000	8	May & Nov	New York.	1901		2d Mortgage	800,000	1	April & Oct.	4 4	1885	
let Morigage Land Grant Mortgage gold			* Jan. & July										

A COL UNIONIAN MAINSPERA

An Asterick (\*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	When		Payable. Where	Due.	Price.	Description of Bonds.	Amount.	Rate.	When.	Payable. Where.	Due.	-
oledo, Wabash and Western:	4000 000		77.1. 4.		V . V .	1000	-	Western Maryland:		-			15	1
1st Mort. (Tol. & Ill., 75 m.) 1st M.(L.Erie, W.& St.L. 167 m.)	\$900,000 2,500,000	7	Feb. & A	ug.	New York.	1890 1890	97	1st Mort endor by Balt	\$400,000	6	Jan. & July.	Baltimore.	1890 1890	1
1st Mort (Gt. W. R. R. W. D. 100m)	4,000		April &		44 44	1868		1st Mort. endor. by Balt 2d Mort.	300,000	6		ec	1890	1
1st M. (Gt. W.Rwy of '59, 181m) 1st Mort. (Quincy & Tol. 34 m) 1st Mort. (Ill. & So. Iowa 42 m.) 2d Mort. (Tol. & Wabash 75 m.)	2,500,000 500,000	7	May & 1	lug.	44 44	1858 1890	951	2d Mort. endor. by Wash. Co	300,000				1890	4
let Mort. (Quincy & Tol. 34 m).	300,000	7		lug.		1882	90	2d Mortgage preferred	600,000 875,000				1895 1900	ė
2d Mort. (Tol. & Wabash 76 m.)	1,000,000	7	May & I	Nov.	46 66	1873		3d Mortgage endor. by Balt Western Pacific (Cen. Pac.):	1				and the	
d Mort. (1. Wab. & Wt. 101 m.)	1,500,000 2,500,000	7		16	66 61 64 61	1871 1893	96	lst Mortgage assumed, gold Western Pennsylvania (Penn.): 1st Mortgage (main line 57 m)	2,735,000	6*	Jan. & July.	New York.	1899	
2d M. (Gt. W.Rwy of '59, 181m.) Equipment (Tol. & Wab. 75m.).	600,000	7		44	"	1883	87 85	1st Mortgage (main line 57 m)	800,000	6	April & Oct.	Philadelphia.	1893	
Consol. Mortgage (500 m.) 1st M. (Dec. & East St. L.109m.)	2,700,000	7	F. M. A. &	k N.	46 46	1907	87	1st Mortgage (Pittsb. Br. 28 m.)	1,000,000		Jan. & July.		1896	
1st M. (Dec. & East St. L.109m.)	2,700,000	7	**	u	44 46	1900	90	Western Union (M.& St. P.):				** ** *	1000	
roy, Salem & Rutland(R.& Sar.):	500,000	17	May &	Nov.	New York.	1890		1st Mortgage for \$5,000,000 West Jersey:	3,275,000	1	Jan. & July.	New York.	1896	
1st Mortgage, guaranteed roy Union (and Depot):	000,000	•	may w		New Toras	1000		Loan of Mar. 1, 1863.gr. by C.&A.	400,000	6	March & Sept.	Camden.	1883	
1st Mortgage, guaranteed	500,000	6	Jan. & J	uly.	New York.	1873		Loan of Mar. 1, 1863,gr. by C.&A. 1st Mortgage, Jan. 1, 1866 Consolidated mort. Apr. 1, 1869.	1,000,000	6	Jan. & July.	"	1896	
2d Mortgage, guaranteed	180,000	6	· ·	44	44 44	1878		Consolidated mort. Apr. 1, 1869.	998,000	7	April & Oct.		1899	
uckerton: 1st Mortgage	400,000	7	April &	Oct.	Philadelphia.	1901		West Wisconsin: 1st Mort. land gr., gold skg fund	4.000.000	7	Jan. & July.	N.V. or Land	1896	
nion Pacific:		1	Inpin -	000	r manderprina			Whitehall & Plattsburg (M.& P.)	2,000,000					
1st Mortgage gold, tax free	27,237,000	6*	Jan. &	July.	N. Y. & Bost.	'96-'99	871	lst Mortgage		6	Jan. & July.	Philadelphia.	1888	
2d Mortgage (Gov. subsidy)	9,193,000		Anull &	Oat	4 4	'96-'99 1889		Wicomico and Pocomoke:	200,000	-	Ton & Tules	Now Work	1070	
1st Mort. Land Grant Income Mortgage	10,000,000	7	April &	Sent.		1874	76	Villiamston and Tarboro':	200,000		Jan. & July.	New York.	1919	
Omaha Bridge B'ds, stg£250,000	2,500,000	10	April &	Oct.	London.	1896		1st Mortgage	350,000	8	May & Nov.	New York.	1900	
nion Pacific (Central Div.):								Wilmington, Colum. & Augusta		-		21011 20121		
1st Mortgage gold, tax free	1,600,000		May &		New York.	1895		1st Mortgage	3,200,000	7	June & Dec.	Baltimore.	1900	
2d Mortgage (Gov. subsidy)	1,600,000	6	Jan. &	July.	. "	96-7-8	****	Wilm, Charlotte & Rutherford:	1 500 000	8	Inn & Tule	Now York	1897	
nion Pacific, S. Br. (M.K.&T.): 1st Mortgage gold, skg fund	3,595,000	64	Jan. &	July.	New York.	1899		1st mortgage. 1st Mortgage, endor by N. Car.	1,500,000	8	Jan. & July.	New York.	1897	
nion & Titusville(O.C.& A.Riv.):								winnington and Reading:					117	
1st Mortgage	500,000	7	Jan. &	July	New York.	1890		1st Mortgage	1,250,000		April & Oct.	Philadelphia.	1900	
nited Companies of New Jer.: Sinking Fund sterling £262,000.	1,268,080	0.0	Jan. &	Toler	London.	1880		2d Mortgage coupon or regis Wilmington and Weldon:	723,600	7	Jan. & July.		1902	
Loan of 1875 (Joint Companies)		6	April &	Oct.	Philadelphia.	1875		Sterling Bonds	648,700	6*	Jan. & July.	London.	1881	
Loan of 1875 (New Jersey Co.). Loan of 1883 (""").	300,000	6	Feb. & .	Aug.	New York.	1875		Currency Bonds	221,400	7	May & Nov.	4	1882	
Loan of 1883 ( " " ").	450,000	6	"	66	# #	1878	****	Sinking Fund gold, Bonds Wilmington and Western (Del.):	710,000	74	Jan. & July.	New York.	1896	
Loan of 1883	1,700,000 866,000		Man &		Philadelphia.	1883	924	Wilmington and Western (Del.):	400.000	70	J. A. & J. O.	Wilminston	1892	
Loan of 1889 Consolidated(mort.)Loan of 1889			May &	Dec.	Princeton. Philadelphia		947	Winona & St. Peter (C. & N. W.)	400,000	1.0	J. A. & J. U.	Wilmington.	1007	
Sterling Loan £369,200	1,846,000	54	March &	Sept.	London.	1894		1st Mortgage \$20,000 p. m	2,750,000	7	Jan. & July.	New York.	1890	
Sterling Loan £360,000	1,800,000	6		a	"	1000		2d Mortgage \$12,000 p. m	1,565,000	7	May & Nov.	44 44	1890	
Loan of 1888 I (N ICe)	154,000	-	Feb. &	Ame	New York.	1888 1887		Land Grant Mort. gold, skg fund	4,375,000	7	June & Dec.		1916	
Bond to State of New J.(NJCo) Bond to State of N. Jer.(U.Co's)			Eco. &	zrug.	New York.	2001.	****	Wisconsin Central: 1st M. L. G.,gold S. F.\$25,000pm		71	Jan. & July.	Boston.	1901	
Loan of 1894	2,000,000		April &	Oct	Philadelphi	1894		Worcester (Md.):		1.	Journ & July	Doutou.	1	
tica and Black River:			1					1st Mortgage	210,000	6	Jan. & July.	Baltimore.	1891	
1st Mortgage	351,500	7	Jan. &	July	N. Y.& Utica.	1010		Worcester and Nashua:			Ton & Toler	Destan	1000	
tica, Chen. & Susq. Val. (D&HC): 1st Mortgage		7						Plain Bonds	. 125,000 75,000		Jan. & July.	Boston.	1890	
tica, Ithaca and Elmira:		1.					1		10,000	1	1 T. Y			
1st Mortgage gold, skg fund	25,000 m	7	Jan. &	July	N. Y. & Lond	1892	****	CANAL BONDS.					1 6	
ermont Central:	3,000,000		Tune &	Don	Destan	1886	574	Chesapeake and Delaware:	3 000 000		Ton & Tule	Dhila dalahia	1000	
1st Mortgage consolidated 2d Mortgage consolidated	1,500,000		June &	1000	Boston.	1891	20	1st Mortgage sinking fund Chesapeake and Ohio:	1,001,011	0	Jan. & July	Philadelphia.	1000	i
1st Mort.(Stan., Sheff.& Ch.R.R.)	443,800	7	Jan. &	July		1887	78	Maryland Loan sinking fund	. 2,000,000	6	J A. J. & O.		1870	
Guar. Stock (Vt. & Ca.R.R.)	795 500	1 0	June &			100 101	82	Sterling, Loan guaranteed Preferred Bonds (next lien)	. 4,375,000	5		London.	1890	
Equipment Mortgage Equipment Mortgage	1,000,000		May &	NOV		1889	80	Preferred Bonds (next lien) Delaware Division (L.C. &:	. 1,699,500	6	Jan. & July	Baltimore.	1885	1
ermont and Massachusetts:	2,000,000	8			-		-	1st Mortgage guaranteed	. 800,000	6	Jan. & July.	Philadelphia.	1878	
1st Mortgage sinking fund	550,000	6	Jan. &	July	Boston.	1883		1st Mortgage, guaranteed Delaware and Hudson:		1			-	
Convertible bonds, tax free	200,000	7	-	4	44	1879	100	st Mort- (1st series, Nov. 1, 1867 gage re- gistered. (3d series, Jan. 1, 1871.	1,500,000		May & Nov.	New York.	1877	
ermont Valley (Rutland):	386,000		Amull &	Oat	W W	1860	1	gage re- 2d series, July 1, 1869.	. 3,500,000				1884	
1st Mortgage			April &	16	New York. Boston.	1860		Delaware & Raritan See U'd Co's	5,000,000	1 4			1891	
2d Mortgaga	293,200		4		New York.	1859		Lehigh Coal and Navigation:	1				1 19	
icksburg and Meridian:			-			1000		Mortgage Loan reg	5,766,27	6	J. A. J. & O.	Philadelphia.	1884	
General 1st series (red) 2d series (blue)	722,500 850,000	1 3	Jan. &	July	Philadelphia.	1890		Mortgage Loan reg	. 1 2,000,000	6	F. M A. & N. June & Dec	4	1897	ĺ
dortgage   3d series (black)	154,000		46	44	"	1890		Mortgage (equip.) Loan, gold Convertible Loan, gold	922,000	0	March & Sept		1894	
4th series (not end.)	1,273,000	7	April &	Oct		1880		Convertible Bonds	. 1,496,879	6	June & Dec		1877	
Special Loan 1871	225,439	8				1880		Monongahela Navigation :		1			1 2	
ineland: 1st Mortgage tax free	750,000	7	April &	Oct	New York.	1890		1st Mortgage	. 103,000	6	Jan. & July	New York.	1887	ĺ
irginia & Tennessee(A.M.&O.)		1	-					1st Mortgage	. 500,000	6	April & Oct	Philadelphia.	1876	į
1st Mortgage	494,000			July	N.Y.&Lynch	1873	98	2d Mortgage Boat Loan, sinking fund	285,000	6		4	1876	ì
Enlarged Mortgage	990,000 846,000	6		44	11 4	1884 1900	784	Boat Loan, sinking fund	236,96	7	4 4	"	1885	
4th Mortgage Registered Certificates						771-77		Preferred Stock Dividend Scrip Pennsylvania:		7	Feb. & Aug.	-1/1/2	1887	j
Funded Interest	204,200	8	u	"	11 11	1880		1st Mortgage skg fund guar	. 2,205,000	6	Jan. & July.	Philadelphia.	1887	į
Income Mortgage (fundable)	112,500	8	"	44		1866		1st Mortgage skg fund guar 1st Mortgage (Wy. Val. Can.). 1st Mortgage (Erie Canal)	600,000	6	4 4	4	1878	3
Vallkill Valley (Erie):	20 00000		A nutl &	Ont	Now Vork	1910		Ist Mortgage (Erie Canal)	743,654	1 7	4 4	- 44	1865	
1st Mortgage gold, tax free Vare River (Vt. Cen.):	20,000 pti	1'	April &	Oct	New York.		1	Interest Bonds (Erie Canal) 185 Schuylkill Navigation(Ph.& Rdg	161,960	7	150 5		1873	1
1st Mortgage gold, for \$750,000. Varren (D. l.& W.):	462,000		* June &			1890		1st Mortgage	. 1.748,95		March & Sept.	Philadelphia.	182-1	Í
lat Mortgage (managed	E22 400					1975		2d Mortgage Plain Bonds	4,016,670	6	Jan. & July.	4	1882	
1st Mortgage, guaranteed 2d Mortgage, guaranteed	750,000		Feb. &	Non	New York.	1900		Improvement bonds	85,222	6		Tell "	11876	
2d Mortgage, guaranteed Varren & Franklin(O.C.& AllR).	: 00,000	1.			1	100		Improvement bonds Boat and Car Loan	. 302,500 756,650				1870	
1st Mortgage, assumed Varwick Valley (Erie):	580,000	0 7	April &	Oct	. Philadelphia	1882	83	Boat and Car Loan	. 628,100	6			1889	
Varwick Valley (Erie):		1				1	-	Coupon Bonds	. 1,079,000			u.	1895	
1st Mortgage Vashington and Ohio:	85,000	0 7	April &	Oct	New York.	1980		Susquehanna (S. & Tide Water):	00m occ		Ton	THE TAX A	1	į
1st Mortgage gold, \$9,000,000		. 7	April &	Oct	New York.	1891		1st Mortgage	227,000			Philadelphia.	1894 1885	
1st Mortgage gold, \$9,000,000 Vatertown & Rome (R.W. & O.)						1		2d Mortgage. 3d Mortgage stg Tide-Water (Susq. & Tide-W.):	874,000	6		London.	1878	
Sinking Fund Bonds	799,900	0 7	March &	Sept	New York.	1880		Tide-Water (Susq. & Tide-W.):	1	1	E Laure de	300		
Vestchester and Philadelphia:	100 40		Ton .	T-1	District to	1979	-	18t mortgage	. 97,810			Baltimore.	1894	
1st Mortgage General Mortgage, tax free	1,072,30			Out	. Philadelphia	1891	101	2d Mortgage	300,000				1885	į
	1	1	April &	Oct		-	1	3d MortgageUnion:	437,000	6			1878	
Vestern of Alahama:				-		1888	1		9 000 000	1 0	35	I	1000	j
Western of Alahama:	600,00			Oct	New York.			1 1st Mortgage	. 3,000,600	0 6	May & Nov	. Philadelphia.	1,083	١
Western of Alabama:  1st Mortgage (Western R.R.).  1st Mortgage (M.& W.Point R.R.)  2d Mortgage (consols guar.)  Income Mortgage.	750,000 1,146,00	0 8		Oct	New York.	1881		1st Mortgage	450,00	1	Apl. & Oct			

# RAILROAD SHARE LIST, including Mileage, Rolling Stock, Debts, Income, Dividends, &c., &c.

In asserted (") occurring in the column headed "Rolling Stock" significe that the cost thereof is included, in that headed "Railroad." A dash (-) across the column signifies "nil," and running date (----) signify "not ascertained." I Land Grant Railroads are printed in "Halica." State-aid Railroads are distinguished by a "f."

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# RAILROAD SHARE LIST, including Mileage, Rolling Stock, Debts, Income, Dividends, &c., &c.

narrick (\*) occurring in the column headed "Rolling Stock" signifies that the cost thereof is included, in that headed "Railroad," A dash (—) across the column signifies "nil," and running dest (.....) signify "not ascertained.

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1871   1875	1871   1872   1875	(2. 3)         13871         21.5         22.5         24.5           (2. 3)         13871         21.5         22.5         24.5           (2. 3)         13871         21.5         22.5         24.5           (2. 3)         13871         22.5         24.5         25.5           (2. 3)         13871         22.5         24.5         25.5           (2. 3)         13871         22.5         24.5         25.5           (2. 3)         13871         22.5         17.6         13.5           (2. 3)         13871         22.5         17.6         13.5           (2. 3)         13871         22.5         17.6         13.5           (2. 3)         13871         23.5         17.6         13.5           (2. 3)         13871         23.5         27.5         13.5           (2. 3)         13871         23.5         23.5         13.5           (2. 3)         13871         23.5         23.5         13.5           (2. 3)         13871         23.5         23.5         13.5           (2. 3)         13871         23.5         23.5         13.5           (2. 3)         13.5         <	0 2 2 0 3 2 4 2 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000400400000000000000000000000000000000	86 1188 1188 1188 1188 1188 1188 1188 1	*** * * * * * * * * * * * * * * * * *
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# RAILROAD SHARE LIST, including Mileage, Rolling Stock, Debts, Income, Dividends, &c., &c.

alue	ares.	Market.	92 92 93 133 133 133 133 133 133 133 133 133
I Va	Sh	Par.	
-	1	Dividends.	25.55.55.55.55.55.55.55.55.55.55.55.55.5
ngs.	1	Net	10.00 (19
Earnings		Gross.	# 4,889 No return 2,313,550 4,889 1,111 32,4761 32,4761 32,4761 32,4761 32,4761 32,4761 32,4761 34,596 3,4872 3,567,299 3,72,299 3,72
1	one mile.	Freight.	Tons.  Tons.  1961  1961  187,155  187,155  187,155  187,155  188,877  188,877  188,877  188,877  188,877  188,877  188,877  188,877  188,877  188,877  188,877  188,877  188,877  188,877  181,216
Operations	Carried one mile.	Passen- gers.	Number.  (Recently 2,551,656 475,216 475,216 475,216 99,990 99,940 11,981,100 11,985,730
		Trains Moved.	M.  M.  10,275  824,968  824,968  402,895  645,883  2,982,397  62,428,696  760,466  760,466  760,466  760,466  760,466  760,466  760,466  760,466  760,466  760,617  760,466  760,617  760,466  760,617  760,466  760,617  760,466  760,617
-		ailroad perated.	75.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1
-		Surplus Income.	1,007,013 386,24 386,24 146,661 146,661 2,004,420 2,004,420 2,004,420 2,004,420 2,004,420 2,004,420 2,004,420 2,004,420 2,004,420 2,004,420 2,004,420 2,004,420 2,004,887
	ties.	Accounts.	\$\\ \begin{align*} \text{\$\beta\$} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\
Sheet	Liabilities	Bonds,	101,000 1,005,500 1,005,500 1,005,000 1,005,10
l Balance		Stocks.	221, 2000 221, 2000 221, 2000 221, 2000 220, 2000 22000 22000 22000 22000 22000 22000 22000 22000 22000 22000 22000 22000 22000 22000 22000 22000 22000 22000 22000
of General		Accounts	84,566 6 7 7 7 7 7 7 9 8 8 8 8 9 9 9 9 9 9 9 9 9
Abstract	Assets.	Assets.	24,990 24,990 24,990 24,990 36,114 36,114 36,126 37,786 38,422,616 2,987,808 3,627,309 3,637,309 3,637,309 86,196 86,196 18,196 86,100 18,200,000
i,	and	Rolling Stock.	(No a c 100,000 000,000,000 000,000 000,000 000,000 000,000 000,000 000,000 000,000 00
	Property	Railroad.	461,207 51,182,180 51,182,180 51,182,180 51,182,180 51,182,180 51,182,180 51,182,180 51,182,180 51,182,180 51,183,180 51,180,00
		Companies.	8 N. Y., Housatonic & North, N.Y. & Conn. 485 New York and Mahopac New York 485 New York and Mahopac New York 585 New York and Osvergo Midland N.Y. 189 N.Y. Providence and Boston G. & B. 189 N.Y. Providence and Boston G. & B. 189 N.Y. Providence and Boston G. & B. 180 N.Y. Providence and Canandagua. N. York Scolins. Nigars Bridge and Canandagua. N. York Carolina. North Carolina. North Carolina. North Carolina. North Pennsylvania. Pennsylvania. Pennsylvania. North Pennsylvania. Pennsylvania. Northern New Jersey. No. 180 Northern New Jersey. Northern New Jersey. Northern Northern New Jersey. Northern Northern New Jersey. Northern New Jersey. Northern
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14 14 17 17 17 17 17 17 17 17 17 17 17 17 17	12.6 14.6 16.0 16.0 16.0 16.0 16.0 17.0
30, 1871 30, 18	1871 125 1871 1845 1871 1840 1871 100 1871 43.0 1871 48.0 1871 103.0 1871 103.0 1871 103.0 1871 103.0 1871 103.0 1871 103.0
6. 20 20 20 20 20 20 20 20 20 20 20 20 20	ಪ್ರಪ್ರಕ್ಷಕ್ಷ ಕ್ಷೇತ್ರವಾಗ್ಯ ಪ್ರಸ್ತಿಸ್ತರ ಪ್ರಶ್ನೆ ಪ್ರಸ್ತಿಸಿಸುತ್ತು ಪ್ರಶ್ನೆ ಪ್ರಕ್ಷ ಪ್ರಕ್ಷ ಪ್ರತ್ಯ ಪ್ರಕ್ಷ ಪ್ರಕ್ಷ ಪ್ರಕ್ಷ ಪ್ರಕ್ಷ ಪ್ರಕ್ಷ ಪ್ರಕ್ಷ ಪ್ರಕ್ಷ ಪ್ರಕ್ಷ ಪ್ರವಿಸ್ತ ಪ್ರಕ್ಷ ಪ್ರವ ಪ್ರಕ್ಷ ಪ್ರವ ಪ್ರಕ್ಷ ಪ್ರಕ್ಷ ಪ್ರಕ್ಷ ಪ್ರಕ್ಷ ಪ್ರಕ್ಷ ಪ್ರಕ್ಷ ಪ್ರಕ್ಷ ಪ್ರಕ್ಷ ಪ್ರಕ್ತ ಪ್ರಕ್ಷ ಪ್
Espt. 30, 1871  May 31, 1871  May 31, 1871  Sept. 30, 1871  Dec. 31, 1871	Poer Services

#### REFERRED & GUARANTEED STOCKS

(Marked with an asterick (\*) are guaranteed by lessees thus (†) have equal dividends with lessees' stock.)

		ITM	-12		Pig, \$7 per ton; Polished Sheet, 3 cents per lb. ized, 2; Scrap Cast, \$6; Scrap Wrought, \$8 p
		100	v'dı	rket loe.	less 10 per cent. No Bar Iron to pay a less du
(COMPANIES.	Amount	6	10	설유	Dia Castal City
	out- standing.	Rate.	Paid.	Mar	Pig, Scotch—Coltnessper ton 55 —
	semining	-	1	-	Fig. Scotch
RAILROAD STOCKS:	. Dall . II				Eglinton
tlantic & Gt. West'n (O. D.,) pref.	\$1,919,000	7	1		Pig, American, No.1
danue and St. Lawrence" guar	2,484,000	1 196	4	****	Pig, American, No. 248 -
Itimore and Ohio, pref	3,000,000		6 7	150	Pig, American, Forge41 -
reshurg and Corning, guar	250,000	5	5		Bar, Swedes, assorted sizes(gold).120—
ston. Concord and Montreal, pref.	1,840,000	6	6	864	
falo, N. York and Erie, guar	950,000	7	7	74	Bar, Sweder, 14 xt & 14x 1 to 1& sq. 11 to
nden and Atlantic, pref	753,695	7		74	Bar, Sweder, 11 x & & 12x to & 3 sq. 11 to 5x to 1 & 1 to 2 sq. 6 to 12 x 1 & 1
awisea, pref. and guar	2,200,000	7	7	86	Dar, Kenned, 4 to 2 in, rd. & so1 to 6 in.
yuga and Susquehanna, guar	589,110	***	9		x 1 to 1 in
iar Rapids & Missouri," preferred	755,000	7	7		Bar, Refined, 14 to 6 by 4 & 5-16 in110 — Bar, Refined, 1 & 14 by 4 & 5-16112 50
nd guaranteedtral ()hio, preferred	400,000		1	****	
mung & guar			6	38	Large Rounds, 21 to 21 to 31 to 4 in112 50
emung, guar	2,017,815		3	79	Ovals and Half-round 130 -
eago and Alton, pref	2,425,400	7	10	113	Band, 1 to 6 in. by 3-16 to No. 12
cago, Iowa and Nebraska, guar.	2,600,000		10		Horse Shoe117 50
cago and Northwestern, prei	20,370,293		7	894	Rods, @3-16 inch110 —
canner, predefrei leago and Alton, pref. leago, Iowa and Nebraska,* guar. leago and Northwestern, pref veland and Mahoning,* guar veland and Toledo,* † guar	8,250,000		7		Hoop, 1 by No. 22 to 1 & 11 by 13 & 14127 50
checho, preferred	6,250,000 177,750	8	34	1	Scroll
necticut and Passumpsic Rivers,	2.1,100		1	)	Sheet, Russia, as to assortment(gold) 16—Sheet, Single D. and T. Common—7 Sheet, Doubles and Trebles, Charcoal—8 Sheet, Doubles and Trebles, Charcoal—8
oferred	1,822,100	6	6	90	Sheet, Doubles and Trobles Chargest
berland Valley, 1st pref 2d pref	241,900	8	8	1144	Sheet, Galvanized
a 2d pref	242,000		8	****	Sheet, GalvanizedList. 15 p Rails, English(gold)per ton. 71— Rails American, at Works in Pennac'y. 80—
ware, guaranteed roit & Milwaukee, preferred and	594,261	6	6		Rails American, at Works in Pennac'y. 80 -
rolt & Milwaukee, preferred and	1,500,000		13		Anvils, (Eagle)per lb currency 9
paranteed	1,000,000	6	***		STEEL-DUTY: Bars and Ingots, valued at 7
	1,988,170	7	7		1b. or under, 24 cents; over 7 cents and not a
buque Southwestern, pref	330,308	7	7	974	lb. or under, 21 cents; over 7 cents and not a cents per lb.; over 11 cents, 31 cents per lb.;
tern (N. H.,)* guaranteed	492,500		8	****	cent. ad val., all less 10 per cent. (Store prices.
ngue Southwestern, preftern (N. H.,)* guaranteed ira, Jefferson and Canandaigua,*	E00 000				English, Cast (2d and 1st quality)per lb 18
	500,000	5	5		English Spring (2d and 1st quality) 9 English Blister (2d and 1st quality) 11
dra and Williamsport,* guar dra and Williamsport,* preferred	500,000	5	5		English Machinery
dra and Williamsport, preferred	500,000	7	7		English Machinery
preferred	8,536,910		7	84	American Blister
nsville and Crawfordsville pref.	100,000			724	American, Cast, Tool
nihal and St. Joseph, prel	5,078,224			514	American, Spring
isburg and Lancaster, guar	1,182,550		7		American Machinery
satonic, preferredtingdon & Broad Top Mountain,	1,180,000	8	4		American German 9
ingdon & Broad Top Mountain,	190,750	7	34		NAILS—Duty: Cut, 1½; Wrought, 2½; Wrought, 2b; Wrought, 5 cents per lb.; Copper, 45 per cent.  Metal and Zinc, 35 per cent. ad val.—all less 10
ferred	1,500,000		7	32	Shoe, 5 cents per lb.; Copper, 45 per cent.
et and Chicago, guart and Northern Indiana, guar.	300,000	8	8	****	
rawanna and Bloomsburg, prei	500,000	7		****	10d. to 6d. Commonper keg.\$
s and Farmington, guar			5	****	8d. and 9d. "
Schuvlkill, guar	2,646,100	7	7		6d. and 7d. "
wille, Cincinnati and Lexington	0.49 MAG	0			4d. and 5d.
eferred	848,700 6,586,135		9	878	Cut. 2d and 3d. Fine
etta and Cincinnati, 1st pref 2d pref	4,051,744	6	***	26	Cut, 2d and 3d. Fine
chester and Lawrence	1,000,000		9	144	Cut Spikes, all sizes
higan Southern, guaranteed	586,800		10	****	Horse Shoe, Forged (No. 10 to 5)per lb 21
Cheek and Mine Hill," guar	323,375		10		Yellow Metal Sheathing and Slating 27
waukee and St. Paul, preferred Hill and Schuylkill Haven,*	9,744,268	7	• • •	751	
rentood	3,775,000	8	8		TIN-DUTY: Pig, Bars and Block, FREE; Plate at
aranteed	282,250		12	***	and Terne Plates, 15 per cent. ad val.
Haven and Northampton	1,344,000		2		Banea
York and Harlem, pref	1,500,000	8	8	130	Findish
ara Bridge and Canandaigua,*				400	Plates Fair to good brands — Gold —
AT	1,000,000	6	6		I. C. Charcoal per box 10 75 @11 25 12 75
h Rastern (S. C.) preferred	155,000	8	8		I. C. Coke 9 - @ 9 75 10 50
ensburg and L. Champlain, pref.	1,037,000 3,500,000	7	8	99	I. C. Coke 9 — @ 9 75 10 50 Coke Terne 8 75 @ 9 25 10 25
and Mississippi, prefrson and Hudson, guar	630,000		8	77	Charcoal Terne 9 75 @10 25 11 25
rson and Ramapo, guar	248,000		5	****	PETROLEUM-DUTY: Crude, 20 cents; Refine
ia and Bureau Valley, guar	1,200,000		6	****	per gallon.
delphia and Erie.	5,996,700				Crude, 40 @ 48 gravity (in bulk) 13
delphia and Reading, pref	1,551,800		10		Crude, 40 @ 48 gravity (in bulk) — 133 Crude, 40 @ 47 gravity (in shipping order) — 188
adelphia and Reading, pref adelphia and Trenton, †† guar field and North Adams, † guar	1,099,720 450,000		10	****	Relined, Standard White (in ship'g order). — 97
& Kennebec (Yarmouth) guar.	202,400		6	** **	Refined, S. W. (in jobbing lots)
and, Sago & Portsmouth, guar.	1,500,000	6	6	****	Nantha Refined (65 @ 72 gravity)
and, Sago & Portsmouth, guar.	350,000	7	7	***	Residuumper bbl. — 12
mond, Fredericksb. & Potomac,					COPPER Duny: Pig Por and I and
mond, Fredericksb. & Potomac, aranteed nester and Genesee Valley*	142,900	7	7		COPPER—DUTY: Pig, Bar and Ingot, 5; Old 4 cents per lb.; Manufactured, 45 per cent. ad va
nester and Genesee Valley*	557,560	***	7		10 per cent.
and, preferredouis, Alton and T. H., prof	0.040.000	7	7	60	Conner New Sheething (over 12 or ) per lb
paky and Cincipnati pref	2,040,000		7	45	Copper, New Sheathing, (over 12 oz.) per lb.— Copper, Bolts.— Copper, Braziers' (over 16 oz.) —— Copper, Nails.— Copper, Old Sheathing, &c., mixed lots.— Gopper, English Pic.
usky and Cincinnati, pref ylkili Valley,* guar okin Valley & Pottsville,*guar.	445,56 6 576,600	5	5	48	Copper, Braziers' (over 16 oz.)
okin Valley & Pottsville, *guar	869,450	5	5	****	Copper, Nails
Peoria & Warsaw 1st pref	1,700,000			****	Copper, Old Sheathing, &c., mixed lots
u 2d pref	1,309,000	7			Copper, English Pig 30
Wabash and Western, pref.	1,000,000	7	7	90	Copper, American Ingot 30
and Greenbush, guaront and Canada, guar	274,006	7	7		LEAD-DUTY : Pig, \$2 per 100 lb.; old Lead.
ont and Canada, guar	2,500,000	8	8		LEAD-DUTY: Pig, \$2 per 100 lb.; old Lead, per lb.; Pipe and Sheet, 2‡ cents per lb.—all les
Mountains 2 gran	1,408,300	7	7		Chanish
ren, guar	200,000	5	5		
him and on an choradannist. bier	317,050	***	-		English(gold) 6 62
WAL STOOKS:	- Let . A				Dar
ware Division, guar.	1,633,350	8	8		Sheet
ris, preferred	1,175,000	10	10	128	COAL Dury: Bitumirous 75 ets non den 1
yikili Navigation, pref on, preferred?	2,888,997	6	6	28	COAL-DUTY: Bituminous, 75 cts. per ton of 2 80 lb. to the bushel; Anthracite, FREE; other,
O. THERESTERNIA Frances	** *****	6		14	per 45 business of 50 fb. to the busines.
of Freezest persons					Newcastle Gasper ton of 2240 lb. no
-					
noullaneous Stocks: aberiand Coal, prefiposa Mining, pref		6			Liverpool Gas Cannel

	THE RESERVE TO SHARE SHA	THE REAL PROPERTY.	DESCRIPTION OF THE PERSON NAMED IN	-		-	-	-
WH IRON-D cents pe Sheet, E Pig, \$7 p ized, 2½; less 10 pe per cent.	r 100 ll and, Ho er ton; Scrap (er cent.	b.; Boile oop and Polished Cast, \$6;	1 cen er and Scroll, Sheet, Scrap	ts per Plate, 11 to 3 cent Wroug	Ib.; 11 c 11 c s per ht, \$8	Railents ents lb.; per	per per Gal	lb. lb. van –al
Pig, Scotel	-Colta	Dens	•••••	.per to	on 55	- 0	52	_
Gleng	arnock .	********		******	48	- 6	50	-

ı	per cent, ad val.		
I	Pig. Scotch—Coltnessper ton 55 — @	_	_
l	Committee   Commit		
ı	Glengarnock	50	-
ł	Eglinton	48	-
I	Pig, American, No. 1	54	-
ł	Pig, American, No. 2	51	_
١	Pig, American, Forge	45	-
I	Bar, Refined, English and American @1	20	-
l	Bar, Swedes, assorted sizes(gold).120-@1		
ı	-Storn Pri	CE	8
l	Bar, Sweder, 11 x & 11x to & 19x 10		
ſ	5x to 1 & 1 to 2sq. 6 to 12x 1 & 1 145 - @1	55	_
ı	Bar, Refined, 1 to 2 in. rd. & sq1 to 6 in.		9

	Loui, Sweder, IT As our leas to sour sq. 11 to	
	5x to   &   to 2sq. 6 to 12x   &	-
	Bar, Refined, 4 to 2 in. rd. & sq1 to 6 in.	,
	x to 1 in	-
	Bar, Refined, 11 to 6 by 1 & 5-16 in110 - @ -	-
	Bar, Refined, 1 & 11 by 1 & 5-16	-
	Large Rounds, 21 to 21 to 31 to 4 in112 50 @125 -	_
	Scroll	-
	Ovals and Half-round	-
	Band, 1 to 6 in. by 3-16 to No. 12 @122	5(
	Horse Shoe	5(
	Rods, 1@3-16 inch	5(
1	Hoop, by No. 22 to 1 & 1 by 13 & 14127 50 @172 8	5(
١	Nail Rodper lb @ -	٤
1	Sheet, Russia, as to assortment(gold) 16 -@ -	-
	Sheet, Single D. and T. Common 7 @ -	8
1	Sheet, Doubles and Trebles, Charcoal 81@ -	8
	Sheet, GalvanizedList. 15 per ct.di	8
ı	Rails, English(gold)per ton. 71 — @ 72 -	-
١	Rails American, at Works in Pennac'y. 80 - @ 82 5	50
١	Anvils, (Eagle)per lb currency 9 @	
1	CUPPET Dans Born and Tours and at B contra	

New York Stock Exchange.

)	Actual Sale Prices	for the	week e	nding	Nov. 2	27.
9	Th.	21. F.22	2. Bat.2	3. M.25	Ju 26	. W.27
	Central Pacific 6s		103	****	102	103
1	Central of N. Jersey	. 103	100	100	1021	100
,	Unicago & Alton109			109		****
	pref113			****		****
1	. D. P				100	****
1	Chicago, Burl & Q		****			****
1	** 86, 1883			****	****	****
1	Unic. & Northwestern .100	165	150	200	125	851
1	pref 87	87	871	96	90	90
1	B. F		99	****	99	****
١	Chic., Rock Isl. & Pac. 108			****		93
1	Chi., R. I. & Pa. 7a 1896 102	107#	1094	1107	1094	110
ł	Chi., R. I. & Pa. 78,1896.102 Clev., Col., C. and Ind 90	90		102 89	102 88	****
1	Ciev.& Pittsburg guar 87	****	****	86 86		87
1	2 M		****	****	****	****
1	** * ***********				****	****
١	Clev. and Toledo			****	1021	****
1	Col., Chi., & Ind. C 31	311	311	331	331	331
١	1 M 86	86	861	86	87	864
1	Del. & Hudson Canal 73		1178	725	117	73
1	Del. Lack, & Western 96	961	****	961	96	****
ı	1 M. 7s 2 M 7s		****		****	••••
1	Erie Railway 55	541	523	521	52	534
-	pref 71				734	73
1	I M.7s, 1897.101		****	102	102	****
1	2 M. 7s, 1879 3 M. 7s, 1883			****	****	****
-	4 M. 78, 1880		****			
1			****	****	941	****
1	Great Western 2d mort		****	****	****	87
1	Hannibal & St. Joseph. 32		****	35	32	324
1	pref 50 88, conv	****	88	524	514	51
I	Hudson River 2 M. S. F		****		****	****
ł	2 M. S. F	• • • • •	****	****	104	
I	3 M 7s, 1875		****	****	1241	124
١	bonds			****	92	
ı	Lake Shore & Mich.S'th. 89 Lake Shore Div. bonds	884	898	92		93
ı	Marietta & Cin. 1st pref		****	****	93	****
ł	Marietta & Cin. 1st pref 2d pref	****	****		****	****
ı	Michigan Central114	115	****	****	114	****
1	M. S. and N. I 1 M S T		****	100	****	100
ı	Mariposa Mining Co	****	2	2		971
١	pref 2	2	2 2	24	14 24	24
1	Milw. and St. Paul 51	. 511	511	52	524	53
ĺ	pref 74		751	75	75	75
١	2d mort	****	****	****	****	****
I	· 8s	107				****
١	7 3-10s con 94 7s, gold 97	****	98	****	934	****
ı	Missouri 6s 931	93	954	95	951	95
١	H. & St. J. iss			914	****	911
ı	Morris and Essex 92 1st mort102	92	****	91	****	1011
I	· · 2d mort		****	****	****	1014
l	New York Central	****	****		****	****
l	7s, S.F.1876 6s, S.F. 1883		****	89	90	901
1	6s, S.F. 1887	89				
1	N. Y. Cen. & Hud. Riv. 93k N. York and Harlem114	931	93% 1134	944	94	95
1	pref		1194	114	114	114
1	** 1 M. (8, 1040, 2/92		****	991		
1	N. Carolina 6s. old	****	****	****	****	****
1	Onio and Miss 45	447	454	471	46%	471
	pref 77	****	****	****		
-	Pacific Mail S. S. Co 887	861	868	91	887	88
-	ranama		****	****		****
1	Phila. and Reading Pitts., Ft. W. & Chi. gtd	924	****	****	92	
1	1 M	****	****	****	****	
1	** 2 101	****	****	****		****
1	Quicksilver Mining Co., 46	****	45	45	45	****
1	St. L., Alton & T. H		****	****	****	
1	pref	****	****	****	****	****
1	2 M. pret	****	****	****	****	****
1	Tennessee 6s, old 75‡	76	****	****		754
ı.	new	761	76	****	76	754
1	Tol., Wab. & Western 694	691	681	68	68	69%
١	pref	****	****	****	****	97
1	2 M	****	****	****	****	97
1	Equipment	****	****	****		****
-	Union Pacific 34	341	351	364	-89 <u>4</u>	364
1	1st mort 861	87	86	87	81	871
1	L. Gt. 78	76		75	75	761
1	Virginia 6s, old	781	****	794	****	814
1	new		****	****		
•	consol		16	****	541	
	4	****	20	****		

				A	MI
New York Sto	ck F	Exch	.nge		ME
Actual Sale Prices fo			CANCELL C.		
	. F.22	Bat.23	.M.25.	Tu.26.	W.2
FEDERAL STOCKS:-					
U. S. 5s, 1874, reg	****	****	****	****	****
U. S. 58, 1874, coup	****	****	103	1081	
U. S. 5s, 10-40s, reg107	108	****		1081	****
U. S. 5s, 10-40s, coup			108	*	109
U. S. 5s, 1881, reg U. S. 5s, 1881, coup	110	****		****	110
U. S. 6s, 1881, reg116	1157	••••	****	115#	116
U. S. 68, 1881, coup		****	1161		-
U. S. 6s, 5-20s. reg. '62	****	••••			***
U. S. 6s, 5-20s, c. 1862	1108				***
	112		****	****	•••
U. S. 6s, 5-20s, reg. '64 U. S. 6s, 5-20s, c. 1864	1105	****	****	****	113
U. S. 6s, 5-20s, reg. '65	112	****	****	****	
	1101	77.05			113
U. S. 6s, 5-20s, c. 1865.112	1124	1128	115	••••	
U. S. 6s, 5-20s, r. n. '65	115	1745	115	715	115
U. S. 6s, 5-20s, c. n '65.114 <sup>2</sup> U. S. 6s, 5-20s, reg. '67	1147	114%	115	115 115	115 115
U. S. 6s, 5-20s, c. 1867115	1154	13.45	1151		115
U. S. 6s, 5-20s, reg. '68	1154	1148	115	115	
U. S. 68, 5-208, c. '68	****	****	1151	1168	***
U. S. 68, Pac.RR issue.1124	****	****	1154	115	119
U. S. 08, I ac. 1616 1880 C.1164	****	****	113	****	113
Philadelphia S	tock	Exc	hans		
					o
Actual Sale Prices for					
	Th.2		Bat.2		
Catawissa preferred	****	427	43	43	43
Camden and Amboy		****		****	
68, 1875		****	****	****	***
6в, 1883			924		
6s, 1889		****			
mort. 6s, '89 947		94%			
Elmira & Williamsport. 27	****	****	****		
pref		****	****		
78		****	****		
Lehigh Navigation 381		288		301	30

Camuen and Amony				****	
6s, 1875					
6в, 1883			924		
6s, 1889					
mort. 6s, '89 9	47	94%			
Elmira & Williamsport. 2					
		****	****	••••	****
pref		****	****	****	****
78	***	****	****	****	****
Lehigh Navigation 3		38	****	391	391
6s, 1884		****		877	
Gold L			934		
R. R. L		****	93	93	93
Conv. L					
Lehigh Valley R. R 5	581 582	59	58%	58%	59
6s new coup		****	981	****	****
6s new reg !		****	****	****	
Little Schuylkill R.R		****	****	****	****
78			****	****	****
Minehill				54	
Morris Canal		****	****	****	
pref1		****			
			50		
North Pennsylvania		****		497	49
68, 1880		887	****	****	****
78		94	94	****	
10s, 1887			****		110
Northern Central					
Oil Creek & Allcg. Riv. 3		354		36	357
78				75	
Pennsylvania R. R		55%	55%	561	561
1st M			***		
od M	• • • • • • • • • • • • • • • • • • • •	****	****		••••
2d M		04		****	****
Gen. mort		94	****	****	****
reg		****	934	931	****
Penn. State . 68.1st series1	.02	101	101		
6s, 2d series		****			
6s, 3d scries				****	
Philadelphia City, 6s		981	987		
new1		1021	1024	1021	102
Philad., Germ. & Nor		****		****	85
Phila, & Reading		574	574	581	584
Philadelphia and Erie	268			268	
68		****	****	90	
78		****	91		
Phila., Wilm. & Balt		****			
Schuylkill Navigation	*** ****				
					-14
		****	****	****	
6s, 1882		****	****	****	****
6s, 1876		****	****	****	****
6в, 1872		****		****	
United Co. of N. Jersey.13		****	125	****	125
Hestonville, (Horse)				18	
Chestnut & Wal			58	58	58
				****	
	584				
		****	****	****	••••
	***		****	****	
loth and loth sts			****	****	****

#### Baltimore Stock Exchange.

A	ctual Sal	e Prices f	or the s	veek en	iding .	Nov. 2	3.
		W.20	. Th.21	F.22.	Sat.23.	M.25.	Tu.2
Baltimore			96		****	****	
		********	****	****	****	****	***
••		963		96	964	****	96
• •		*******		****	****	964	***
Balt and (	1900	150	****	****	****	153	153
				****	****	199	
**	bonus,	1875		****	****	****	
••	••	1885. 91	****	94	****		***
Marietta d			98	24	981	984	98
••	2d M		****	874	****	864	86
		s 845		****	****	****	***
Northern					****		
**	bonds,	1885	****	****	****	****	***
Y2144-7 **		1900		****	****	867	86
Pittab. &				****	****	637	***
N. W. Va				****	****		***
**		·		****	****	****	***
Winninin 6		t		50	****	551	***
Virginia 6		rtif		56	****	55	55
					****	****	***
City Pass	onker 19		****	****	****	****	***

#### Boston Stock Exchange.

7.0	Actual Sale Prices for	r the u	neek en	ding I	Tov. 27	-
27	Th.21	LF 22.	Sat. 23	M.25.	Tu.26.	W.27
	Boston and Albany 143	143	1424	143	144	145
	Boston and Lowell					138
	Boston and Maine125	1244	125	125	1251	127
	Boston and Providence.148	1484	148	147	****	1474
	Boston, Hartford & Erie					
93	7s, new	40	391		393	40
0	Cheshire, pref					
6	Chi., Burl. & Quincy	133		****		
	Concord					
	Connecticut River					
	Eastern103	103	103	1034	103	103
	Fitchburg		132	132		
31	Manchester & Lawr'ce	****				***
	Michigan Central114	1144		1144	1144	114
3	Northern, N. H			114		
15	Ogdens. & Lake Champ	****	673	67	67	67
154	pref		96#		99	***
15	Old Colony & Newport.112	1111	112	112	1111	112
151	Ph., Wil. & Baltimore 554	55		541	55	55
	l'ortl'd, Saco & Ports		****			
	Union Pacific					
134	" 6s	****			84	***
	" Land Grant 78					
	" Income 10s				77	78
	Vermont & Canada 61		60	60		
	Vermont & Mass		831			***
.26	South Boston (Horse)			****	****	
13	Cambridge	****	1004	****		100
	Metropolitan 62			****		62
•••	Middlesex				****	
• • •	Central Mining Co				*****	
•••	Copper Falls	13		18	****	***
• • •	Franklin	****				***
• • •	National	****			****	
•••	Pewabic	****				
• • •	Quincy 41				43	
100	Conned					
39 !						
• • •	London Stor	k E	xcha	nge.		

I	London Stock Exchange.	
١	-Closing	
ŧ	Oct. 31.	Nov. 8.
1	Atlantic & Gt. W. 1st mort., \$1,000 72 - 74	72 - 74
1	Do. 2d mort., \$1,000	61 - 63
1	Do. Con. mort. B'nds Bisch's Cert. 37 - 29	36 - 38
1	Do. Reorg. Scrip 95 — 97	95 - 97
I	Do. Leas, Lines, Rental Bonds 86 - 88	85 - 87
1	Detroit & Milwaukee 1st mort. Bonds 73 - 76	71 - 74
1	Do. 2d do. 73 - 76	71 - 74
1	Erie shares 100 dol. all paid 43 - 434	421-43
1	Do. Ticket of Protec.Com. attached	
1	Do. 6 per cent Convertible Bonds 91 - 93	91 - 93
1	Do. European Agency Certificates	
۱	Illinois Central \$100 shares all paid 974 - 934	99 - 98
1	Do. Redemption mort. bonds 6 p.c. 99 -101	99 - 101
1	Illinois & St. Louis Bridge 1st mort. 95 — 97	96 - 98
1	Marietta and Cincinnati Rail. Bonds. 82 — 85	82 - 85
۱	Michigan Central 8s 1882, conv 90 —100	90 -100
1	Panama 2d mort	
1	Panama General mort 92 — 94	92 - 94
	Pennsylvania, 2d mort 96 — 98	96 - 98
	Do. General mort 95 — 96	95 - 96
	Do. \$50 shares 48 - 50	48 - 50
	Philadelphia and Eric 1st mort 92 — 94	93 — 95
1	Do. with option to be paid in Phila. 92 — 94	93 - 95
1		

#### American Railroad Journal

Saturday, November 30, 1872.

#### Stock Exchange and Money Market.

Money has been quite active on call throughout the week, on the basis of 7 per cent, as the minimun rate, to even the most responsible borrowers. Lenders, both through the banks and private channels, have been more exacting, in making advances, as to collaterals, and less liberal of accommodation generally. The needs of the Stock Exchange firms have been quite urgent, in part owing to the exceptional activity in Chicago and North Western Railway shares, in which the cornering movement was engineered to a head on Friday and Saturday, to the discomfiture of the operators in the Stock for lower figures. In the discount line, there has been a restricted business reported with even the best commercial paper rated as high as 12 per cent. per annum, as the rule. Mercantile affairs were injuriously affected by the continued Monetary stringency. Our city banks have been again losers in the line of their legal tender reserve, and also in the specie average. Their deposit line has likewise been reduced count about half a million. The U. S. Sub-Treas- ing the same time in 1871.

ury reduced its coin reserve about 14th of a million and its currency balance about half a million, At the close, Money was quoted somewhat easier to the leading street houses to 7 per cent. on call.

The U. S. Sub-Treasury office last week received \$4,747,567 of currency, and \$3,142,015 of gold, the latter including \$2,109,000 from customs; and disbursed \$5,250,762 of currency and \$4,426,035 of gold, the latter embracing \$1,408,-439 of coin interest, The city banks reducedtheir loan and discount average about half a million during the week, and their outstanding circulation a trifle. The U. S. Sub Treasury held a currency balance on Wednesday of \$21,446,781, and a coin reserve of \$43,688,147.

The city banks, in their latest return, show a decrease of \$832,300 of legal tender notes, of \$1,489,000 of specie and of \$1,873,000 in their deposits, also a contraction of \$468,700 in their loan and discount averages, and of \$22,500 in their item of circulation. The city bank exchanges, last week, averaged 1321/2 millions. The banks now hold \$1,193,400 of specie and legal tender notes more than the 25 per cent, of their liabilities required by the National Banking Act.

The specie reserve of the city banks according to the latest return is \$12,101,200, against \$16,-222,800 same time last year. The city bank deposits are now \$199,651,600 against \$219,220,800. week ending Nov. 25, 1871. The legal tender reserve amounts to \$45,899,300, against \$55,694,900 same time last year. The circulation now stands at \$27,576,800 against \$30,089 500 same time last year. The loans are now \$276,464 300 against \$288,403,700 at this date last year.

The coin reserve of the city banks is now about 121/2 millions as against about 291/2 millions on the 20th of July; the legal tender reserve is about 45 % millions against about 55 1/2 millions on the statement of June 15th; and the deposits are now down to 1998 millions, against 2471 millions on the 20th of July.

Government revenues have been yielding moderately, since our last. The excises yielded within the week about 21/4 millions and thus far in the current fiscal year beginning with July 1, 1872, \$51,537,639. The customs at the port of New York last week were \$1,927,979, and at the outports, equal to about \$650,000, all in coin or coin certificates.

The Gold movement has been moderately active, in the speculative line, since our last, while the customs call has been on an average scale, and the export drain, very light. The price has shown much irregularity, the later dealings indicating weakness. The range of the price during the week has been from 11234@11376, and the quotation on Wednesday was 1127/8 against 1181/4 the preceding Wednesday. The specie outflow last week, was only \$232,624. The Gold Exchange Bank clearances have averaged about 54 millions per day during the week.

The customs demand for Gold last week, averaged \$351,500 a day. The arrivals of specie from Europe, Havana and other foreign ports since Jan. 1, 1872, were \$5,347,772 against \$8,409,313 same time in 1871. The total customs revenue of the Government, in coin, at this port, since January 1, 4% millions. They contracted their loan and dis- has been \$135,652,435 against \$144,309,962 dur-

Government has disbursed through the U.S. Sub-Treasury here, on account of the coin interest on the public debt, since January 1, 1872, \$71,711,312, against \$81,020,828 during the same time in 1871.

The export drain of specie was \$232,624 last week, against \$416,014 same week preceding The shipments since January 1, 1872, have been \$67,091,529 against \$59,600,663 during the same partion of 1871.

Foreign Exchange has been in very moderate request at irregular prices, closing more firmly. Bankers' sixty day bills on London closed on Wednesday at 1081/8@1083/8; sight bills on London, 100@11018.

Government securities have been in fair demand. supported prices. The offerings of the favorite issues in the open market have been very limited.

On Tuesday, Government bought in \$489,150 of of the offered Five-Twenties at from 112 69 @112 74. The aggregate offering was \$1,059,100 @112 35@112 99.

On Wednesday Government sold \$1,000,000 of gold at from 112 661/2@112 35. The aggregate offering was \$2,200,000, at from 112@112 85

U. S. sixes of 1881 at the opening on Wednesday U. S. Five-Twenties of 1862, 112%@112%; U. S. Five-Twenties of 1864 at 1125/8@1127/a; U. 8. Five-Twenties of 1865, 112%@113; U. S. Five Twenties of 1865 consolidated, 115 1/2 @1151/4; U. S. Five Twenties of 1867, 1153/8 @1155/8; U. S. Five-Twenties of 1868, 1151/4@1151/6; U.S. Tenforties at 1081/4@1081/6; U. S. Fives of 1881 (Funding Loan) 1091/20110; Six per cent. currency Sixes from 113/2@1133/4.

The latest quotations at the London Stock Exchange compare as follows with former returns:

6. 11. 17. 11.	Nov.	13.	Nov. 20.	Nov. 27.
Consols	9214		921/6	923/4
U. S. 5-20s, 1835			9016	911/8
" 1867			93	933
" 10-40s			8714	871/6
New Fives of 1881			8816	881/
Erie			411/6	413

State bonds have been very moderately sought after and quoted unsettled in price closing rather steadier.

Railway and Miscellaneous share property has been active, excited, higher, and very variable as to values. The great feature of the week's movements was the cornering operation in North Western shares, which on Friday sent the price of this stock jumping upwards very rapidly, to the serious embarrassment and peril of many of the dealers in the property, who had been working on the bear side of the speculation. The adjustment of the speculative transactions was progressing very slowly, even with the intervention of the lawyers, and the courts.

Railway Mortgage Loans have been in fair investment demand and generally held with firmness The older issues were scarce in the open market. Central Pacific Sixes closed firmly at from 100@

Trade in Ingot Copper is dull, the dealings being Southern R. R., 25; do. 1st mort., 74; Western confined to small lots, amounting, in all, to 100,-000 lbs. at 31c,@311/4c., at which figures the offerings were liberal. Iron has been very dull land Coal, 22; American Coal, 59; Atlantic Mail throughout, influenced, to some extent, by the un- S. S. Co., 151/4; Adams Express, 92; Wells-Fargo 8d mort. 8s, 91; Wilmington, Columbia and Au-

favorable foreign advices, and prices have been Exp., 86; Am. Mer. Union Exp., 70; U. S. quoted weaker, with Glengarnock quoted at \$49@ Exp., 781/4. \$50; Eglinton, to arrive, at \$47; No 1 American at \$52@\$53; No. 2 do. at \$49@51. Sales, 100 and Zinc have been very quiet at about previous prices. Tin Plates are depressed, lower and irregular, on a limited business, the market being adversely affected by the discouraging advices from England; 300 boxes assorted Charcoal sold at \$11, gold, for I. C. 10x14; 100 boxes B. C. Coke Terne at \$8 50, gold, and 200 boxes S. T. P. Straits sold at 301/4c., gold, with English held at 303/4c.@31c., and Banca at 35c., gold.

a rule. Cotton, shipping grades Flour, prime Wheat, Oats and Butter closed rather more firmly on lighter offerings of stock. Corn, Lard, Naval Middling upland cotton, closed on Wednesday at 1916 cts, per lb. The receipts at all the ports, 817,445 bales same time in the preceding year; exports 467,300 bales against 321,400 bales in the of the current week were quoted at 1161/2@1163/4; 376,000 bales against 361,100 bales same date 1871.

> At the Live Stock Markets, Beeves have been 7@11 cts.; Sheep at from 43/27 cts.; Lambs,  $6@8\frac{3}{4}$  cts.; Swine, at  $4\frac{3}{4}@4\frac{7}{8}$  cts. per lb., all live weight. The week's receipts were 10,769 Beeves, 1,500 Veal Calves, 28,599 Sheep and Lambs, and 45,480 Swine.

> Foreign goods have been less active, but generally steady. The week's imports of foreign goods reached the amount of \$6,625,579, including \$126,090 of dry goods.

> Ocean freights have been unusually quiet, with less demand for room which has been mostly for Flour, Grain, Cotton, Lard, Rosin, Petroleum, and Apples, checked by the scarcity of tonnage on either berth or charter, and the firmer views of owners.

> The following quotations of sales of Railway and other securities are in addition to those given elsewhere n our columns :-

New York .- N. Y. State 7s, B. L. coup., 1071/4; South Carolina 6s, new, Apl. and Oct., 30; do. Jan. and July, 231/6; North Carolina 6s, special tax. 141/2; Brooklyn 6s, Park Loan, 93; Long Dock bonds, 96; Albany and Susquehanna R. R., 95; do. 1st mort., 981/2; do. 2d mort., 95; Pacific R. R. 7s, guar. by Mo., 97; Louisville and Nashville consols, 1898, 911/2; Burlington, Cedar Rapids and Minnesota 1st mort., 881/2; Toledo, Peoria and Warsaw 1st mort., E. D., 941/8; Gt. Western 1st mort. 1888, 951/2; Clev., Col., Cin. and Ind. 1st mort., 100; Am. Dock and Imp. 7s, 971/2; Clev., Painesv. and Ash. 7s, old, 98; Central of New Jersey 1st mort., new, 1021/2; Morris and Essex 7s, conv., 903/4; Boston, Hartford and Erie R. R., 8; do. 1st mort., 391/2; New York, New The Metal trade has been unusually tame. Haven and Harford R. R., 141; New Jersey Union Tel., 773/8; Quicksilver pref. 55; Consol. Coal of Md., 47; New Central Coal, 48; Mary-

Philadelphia.—Catawissa R. R , 1978; do. priv., 311/2; Huntingdon and Broad Top Mt. pref., 16; tons Eglinton Pig, here, at \$48. Lead, Spelter Susq. Canal 71/4; Pittsburg, Cincinnati and St. Louis 7s, 79; Lebigh Valley 7s, new, 1033/4; Westchester and Philadelphia 7s, 101; Philadelphia and Reading Gen'l mort. 7s, reg., 104; do. coup., 1011/2; Pennsylvania and New York Canal 7s, 981/2; Schuylkill Nav. 6s, Boat Loan, 78; Lehigh Nav. conv. gold loan, 931/4; Chesapeake and Delaware Canal 6s, 90; Allegheny County Terne at \$10 371/2, gold. Of Pig-tin, 50 slabs 5s, 771/2. The latest quotations are: City 6s, 981/2@983/4; do. free of tax, 1021/2@1021/4; Pennsylvania State 6s, 1st series, 10134@103; do. General business has been comparatively quiet. 2d series, 106@107; do. 3d series, 109@109%; mostly on investment account, at generally well Domestic produce has attracted less attention, as Philadelphia and Reading, 581/4 @581/4; do. Gen'l mort. 7s, coup., 1021/2@1021/2; do. reg., 1037/8@ -; do. mort. 6s, 1880, 95@951/8; do. 7s, new, con., 101@1011/2; United New Jersey Stores and Petroleum, rather weaker in price. R. R. and Canal Co., 124@125; Camden and Amboy mort. 6s, 1889, 941/2@95; do. 1883, 92 @921/2; do. 1889, 92@92; Pennsylvania R. R., since Sept. 1, have been 1,051,933 bales, against 561/8@561/4; do. 1st mort., 1011/4@1011/2; do. 2d mort., 97@98; do. General mort. coupon, 931/2@ 94; do. reg., 93@931/2; Little Schuylkill R. R., previous year; stock at the ports at latest dates, 47@48; Morris Canal, 4934@51 do. pref., 120 @125; do. 6s, 932-; Susquehanna Canal, 7@ 8; do. 6s, 76@78; Schuylkill Nav., 7@8; do. pref., 14@151/2; do. 6s, 1882, 761/2@761/2; do. in less demand at from 81/2@141/2 cts.; Veals at 1872, 78@80; Elmira and Williamsport pref., 40 @42; do. 7s, 1873, 95@96; do. 5s, 56@-; Lehigh Coal and Navigation, 39@391/8; do. 6s, 1884, 871/2 @88; do. R. R. Loan, 933/4@95; do. Gold Loan, 931/2@-; North Pennsylvania, 49@50; do. 6s, 99@100; do., 7s, 931/2@94; do. Chattle 10s, -@110; Philadelphia and Erie, 261/2@271/4; do. 6s, 891/4@92; Minehill, 531/2@54; Catawissa, 193/4@20; do. pref., 421/2@48; do. 7s, 1900, 99@ 100; Lehigh Valley, 58% @59; do. 6s, new coupon, 98@98; 1/4do. reg., 98@981/2; do. 7s, 1033/4 @10334; Fifth and Eixth streets, (horse,) 48@ 50; Second and Third, 59360; Thirteenth and Fifteenth, 18@20; Spruce and Pine, 33@34; Green and Coates, 40@-; Chestnut and Walnut, 571/6 @58; Hestonville, 18@20; Union, -@73; Germantown, 331/2@38.

> Boston.-Cincinnati, Sandusky and Cleveland R. R., 1753; Rutland pref., 57; do. scrip, 95; Norwich and Worcester R. R., 124; Vermont Central old stock, 85c.; Northern N. Y., 16c.; Taunton Branch, 1141/4; Burlington and Missouri R. R. Ss, in Nebraska, 100; Old Colony and Newport 6s, 1876, ind., 9478; do. 7s, 1877, 10078; Essex R. R. 6s, 1876, 90; Eastern R. R 6s, 1874, 961/4; do. 1889, reg., 921/2; Essex Co., 1103/4; Cary Imp., 97/8; New Hampshire 6s, 1902, 971/2; Maine 6s, 1889, 997/8; Massachusetts 6s, 1876, geld, 1091/4; Chicago 7s, 1892, 95; do. 1893, 943/4; do. 1897, 943/4; do. 1887, 953/8; do. 1888, 951/8; St. Louis 6s, 1877, 881/4; do. 7s, 1877, 911/2; Ailouez Mining Co., 12; Calumet and Hecla, 1491/2; Humboldt, 1.05; International Silver, 11/2; Petherick, 21/8; Shuniah Silver, 2; St. Clair, 2; Tremont, 11/4.

> Baltimore,-Northern Central 6s, 1900, gold, 933/4; Orange Alex, and Manasssas 7s, 801/2; Central Ohio 1st mort, 86; Virginia and Tennessee 3d mort. 8s, 913/4; Orange and Alexandria

gusta, 7s, 79; Maryland Defense 6s, 10334; Virginia Consol, 6s, coupon, 6018; Norfolk Water bonds, 88; Baltimere City 6s, 1902, 971/4; George's Creek Coal, 105. The latest quotations are : Pittsburg and Connellsville 7s, 1898, 931/2@933/4; Baltimore and Ohio, 152@1531/2; do., 6s, 1875, 971/2@983/4; do., 1880, 951/2@961/2; do., 1885, 943/@95; Parkersburg Branch, 11@13; Washington Branch, 136@150; Northern Central 371/4@-; do. 6s, 1885, 931/2931/2; do., 1900, 863/4@87; do., 6s, 1900, gold, 933/4@94; N. W. Va. 1st mort., 102@102; do., 2d mort., 101@1011/2; do., 3d mort., 1885, 92@-; Marietta and Cincinnati 1st mort. 7s, 1892, 98@981/2; do., 2d mort., 7s, 863/4@87; do., 3d mort., 8s, 84@847/8; Central Ohio, 351/2@351/2; do., pref., 381/2@40; do. 1st mort., 85@86: Western Md. 1st mort. 6s. 1890, 90@92; do. 1st mort. guar., 95@97; do., 2d mort. guar., 94@961/2; do. 3d mort., guar., 90@-; do. 2d mort pref., 70@81; do., 2d mort. guar. by Washington Co., 84@87; Richmond and Danville 1st mort., 75@77; Orange and Alexandria 1st mort. 6s, 93@-; do., 2d mort. 6s, 86@87; do., 3d mort. 8s, 911/2@931/2; do., 4th mort. 8s, 831/2 @831/2; Orange, Alex. and Manassas 7s, 80@803/8; Virginia and Tennes see 1st mort. 6s, -@1021/2; do., 6s, 2d mort., 781/2 @80; do. 8s, 3d mort., 913/8@92; Baltimore 6s, 1875, 953/4@96; do., 1884, 96@96; do. 1886 96½@98½; do., 1890, 963/8@97; do., 1893, -@97; do. 1893, exempt, 99@100; do., 1900, exempt, 961/4@961/2; do. 1900, new, -@97; do. 1902, 961/2@971/4; Memphis City 6s, 53@54; Maryland 6s, 1890, 95@-; do. Defense Loan, 1883, 1031/2@1037/8; Virginia 6s, old, 38@39; do. consol. 6s, 55@563/8; do. reg., 50@52; do. Peelers, 48@50; West Virginia, 153/8@161/2; City Passenger R. R., 223/2@24; George's Creek Coal, 100 men in New York city. @105.

#### The "Mogul" Engin.

The Cumberland (Md.) News says a trial was recently made, on the seventeen-mile grade of the Baltimore and Ohio railroad, of an "eight-wheel connected mogul" locomotive, built at the Bald- intendent of the road. win Locomotive Works at Philadelphia, and owned by the Cumberland and Pennsylvania railroad. Its performance was highly satisfactory, if not surprising. It drew up the grade a train of thirty eight empty coal hoppers and the private car of Mr. F. Mantz, general supervisor of trains of all of which will be lost. the Baltimore and Ohio railroad, filled with officials of the road and spectators. The camel engines used by the company pulled up the abovenamed grade twenty-one hoppers, and the tenwheel engine eighteen.

The value of goods exported from the port of Philadelphia during the month of October amounted to \$2,234,737. Of the total shipments liton to some point on the Georgian Bay. \$1,630,079 in value were in foreign vessels and but \$604,658 in American vessels. The number of vessels employed was 74, of which 19 were American, 35 British, 13 Swedish, 2 each German, Italian and Portuguese, and 1 Austrian.

It is proposed to cut a canal through the narrow neck of land dividing the two provinces of New Brunswick and Nova Scotia, to connect the Bay of Fundy with the Northumberland Straits. The length of the proposed canal will be sixteen Triumph of American Skill.

The Baldwin Locomotive Works have closed a contract for supplying a Russian house with nine of their engines, to be used in Finland, on the balances, issue interest-bearing CERTIFICATES OF Hungo Road. The locomotives are to be of 5 feet gauge, of the ordinary American pattern, with 15x25 inch cylinders, 62 inch driving wheels, and will burn wood. This is a high compliment paid to American skill and enterprise. Indeed, such compliments are becoming quite common, and the day is not far distant, under proper encouragement, when the products of our manufacturers will be sold in all the principal markets of the world.

The Piedmont (Orange C. H.) Virginia says that "the work on the Fredericksburg, Orange and Culpeper Railroad is progressing finely. Messrs. M. V. B. Finch & Co. advertise for proposals for laying twenty-one miles of track -that is from its present terminus, Parker's store to this place. A train of cars, we hear, is now running from Fredericksburg to Parkers' store, and we confidently expect to hear by the first of next March the snort of the iron-horse at this place. Major Braxton, who has the contract for this end of the road, is pushing his work through, and expects to complete it by the middle of Jan-

The Hon. Galusha A. Grow, president of the Houston and Great Northern railroad of Texas, has been elected president of the International railroad. Both are hereafter to be operated as one road, under the management of Mr. Grow. At present the two roads have 375 miles in running order. They are mainly built by New York capitalists, and are controlled by some of the best

It is reported that the Chicago, Clinton and Dubuque Road will commence running regular trains to Chicago, via Clinton, in a few days, This opens a second route from Dubuque to Chicago. C. A. Walcott has been appointed super-

The Court has ordered the foreclosure of the first mortgage of the Western North Carolina Railroad and the sale of the road by auction. The State has invested four million dollars in the road.

The Kingston and Pembroke (Ca.) Railway is progressing satisfactorily, the contractors having reached Verona a distance of 20 miles from Kingston.

The town of Collingwood (Ca.) has voted a bonus of \$40,000 in aid of the proposed Hamilton and Northwestern Railway, to run from Ham-

M. J. Wicks has resigned the presidency of the Memphis and Charleston railroad, and John J. Rather, of Huntsville, Alabama, has been elected to fill the vacancy.

The Union Freight Railway along the harbor front, at Boston, will be in full operation within a few days.

Ground was broken at Dover, N. H., on Dover Railroad,

BANKING-HOUSE OF FISK & HATCH, No. 5 Nassau-st., New York.

We receive DEPOSITS and allow interest on daily DEPOSIT, make COLLECTIONS in all parts of the United States and Canadas, and execute orders at the Stock Exchange for INVESTMENT STOCKS AND BONDS.

We buy and sell, as usual, Government, Cen-TRAL PACIFIC and WESTERN PACIFIC BONDS, and especially recommend to the attention of investors the SIX PER CENT, FIRST MORTGAGE BONDS of the CHESAPEAKE AND OHIO RAILROAD COMPANY, which are issued either coupon or registered, in denominations of \$100, \$500, and \$1,000; interest is paid in gold, May and November. At their present price they yield over seven per cent, income in gold.

This great work is about completed; there are now nearly 400 miles finished, and only about 25 miles remain to unite the Atlantic tide-waters to the Ohio River valley by the shortest and easiest rail-route possible.

The quantities of white oak, poplar, pine, walnut, and other valuable timbers; the cannel, splint, and bituminous coals; the varieties of iron ores : the limestone, salt and other products, render the route of the Chesapeake and Ohio Railroad probably the most attractive location for coalmining, iron-making, and kindred industries, in the United States.

The company have, at considerable expense, caused a geological survey to be made of the route of the road by Prof. Ridgway. Copies of his valuable Report, with map, and also a pamphlet containing the latest information in reference to the present condition and future prospects of the road, can be had on application at our office.

FISK & HATCH.

The Philadelphia Ledger of 25th inst., reports the net anthracite coal tonnage for the week ending on the 16th inst., from all sources, at 388,-013 tons, and for the year 17,566,694 tons, against 13,857,688 tons to the same date last year, being an increase in the topnage of anthracite coal of 3,-709,006 tons. The production of bituminous coal for the week was 58,480 tons, and for the year 2,272,701 tons, against 1,972,587 tons to the corresponding time last year-an increase of 300,164 tons. The total production of all kinds of coal for the week was 446,493 tons, and for the year 19,839,392 tons, against 15,830,225 tons to corresponding time last year, showing an increase of 4,109,167 tons.

The gauge of the Grand Trunk Railway between Sarina and Fort Erie opposite Buffalo has been narrowed to 4 feet 81 inches, and this makes a complete narrow gauge line on the Grand Trunk, between Chicago and all points west, and New York and all points east. Until the gauge of the Grand Trunk is altered to Montreal, which will be done as rapidly as possible, the change from broad to parrow, will be made at Stratford, where yery extensive facilities are being provided.

Regular trains are now running on the the 25th of November, for the Portsmouth and Atchison, Topeka and Santa Fe Railroad to Dodge City, 351 miles from Atchison.

Journal of Railroad Law

BAILROAD COMPANIES-NOT LIABLE FOR WILLFUL ACTS OF ITS CONDUCTORS.

The facts in the late case of Mary Isaacs vs The Third Avenue Railroad Company, (47 N. Y., 122,) are fully and clearly stated in the following opinion by-

ALLEN, J .- The defendant cannot be charged for the willful acts of its conductors under the provisions of the Revised Statutes making a part of the act entitled " of the law of the road and the regulation of public stages." (1 R. S., 695.) That act, first enacted in 1824 and made a part of the revision, makes the owner of every carriage running or traveling upon any turnpike road or public highway for the conveyance of passengers, liable to the party injured, in all cases, for all injuries and damages done by any person in the employment of such owner as a driver while driving such carriage to any person or the property of any person, and that whether the act occasioning such injury or damage be willful or negligent or otherwise, in the same manner as such driver would be liable. By § 7, enacted at the time of the revision of the statutes, a " carriage" as used in the act, is declared to include stage coaches, wagons, carts, sleighs, sleds, and every other carriage or vehicle used for the transportation of persons and goods or either.

By this act, the common-law liability of one class of masters for the acts of a single class of their servants was enlarged and extended. Owners of carriages used for the transportation of persons or goods, were singled out and made liable for the willful or tortious acts of one class of their servants, to wit, the drivers of their carriages, leaving the common law, regulating the liability of masters for the acts of their servants, intact in every other case. The conductor of a street railroad car, is not the driver of a " carriage" within the statute for whose willful acts the master is liable.

Notwithstanding the comprehensiveness of the term "carriage" as defined by the statute, it is very doubtful whether it includes a car used for the carriage of passengers over a street railroad. Such a vehicle was not within the spirit of the act. and is not within the general classification and specification of vehicles mentioned. It was not known at the time of the adoption of the law as a vehicle either for the transportation of persons or goods. But that question is not before us. It is enough that a conductor is not a driver of a car. He may direct or control the driver but does not himself drive the vehicle. He controls the movements of the car, but he does not act as driver. There was a conflict of evidence as to the circumstances under which the plaintiff sustained the injury, but the jury have adopted the statements of the plaintiff and her sister-in-law, whose testimony did not differ in any essential particular, and who were the only witnesses to the transaction except the conductor of the defendant, whose testimony was disregarded by the jury. The facts proved by the plaintiff were, that she was a passenger in the defendant's car late in the evening upon a trip, and desired to stop at Spring Street, and so notified the conductor; that at or about Spring Street she rung or caused the bell and passed out on the platform and asked the ally present, and if, in the performance of such and was burned, no evidence being given of au-

conductor to stop the car, to which he replied that acts, the servant misconducts himself, the master the car was stopped enough; that she told the conductor she would not get out until the car had come to a full stop, whereupon he took her by the shoulder by both hands and threw her out and her leg was broken by falling on the pavement. The evidence was that the push was with violence throwing the plaintiff from the platform over the step on to the pavement, and that the act was intentional on the part of the conductor. The car was in motion at the time, and one of the witnesses testified that it was going faster than a walk.

It is not denied that the act of the conductor upon the facts established by the verdict of the jury, was wrongful, for which the plaintiff may have an action against the actual wrong-doer, and also against the defendant, as his employer and master, if the act was authorized by it. It is not claimed by the plaintiff that there was express authority given by the defendant for the commission of this particular trespass. The rule, well established and recognized in all the cases, and to which there are no exceptions, is, that to charge the master for the wrongful acts of the servants, they must have been committed by the express authority of the master, or in his service. and within the scope of the employment and authority of the servant. If an act is done by the servant in the business of the master, and within the scope of his employment the master is liable to third persons for any abuse of the authority conferred, or injuries resulting from any error of judgment or mistake of facts by the servact, as well as those resulting from negligent or reckless performance of his duties. The judgment in Higgins vs. The Watervliet Turnpike Company recently decided by this court, was upon this ground and as fully sustained by the authorities cited in the opinion of the court, prepared by Judge Andrews, but the same authorities as well as the judgment in that case recognize and reaffirm the equally well settled principle, that for the willful, wanton or reckless acts of the servant, not committed in the service of the master, and not within the line of his duty or the scope of his employment, the master is not liable. The line separating the acts for which the master is responsible from those for which he is not answerable is not, in all cases very well defined, and in some cases it may be difficult to distinguish between the two classes of acts. The difficulty, however, is, not as to the principle but in its application to peculiar circumstances.

Whenever an injury has been caused by the conduct of a servant in the business of his master, and within the scope of his employment, the master has been held liable, although such conduct may have been tortious. The question of liability does not depend on the quality of the act, but rather upon the other question, whether it has been performed in the line of duty, and within the scope of the authority conferred by the master. When the act of a servant, whether a trespass or otherwise, is without the authority, either expressly conferred upon the servant or implied from the nature of the employment and character of the duties causes injury to others, the master is not answerable. It is said that the implied authority in the servant is limited to those extinguished, the plaintiff's cable was cut by the to be rung as a signal for the stopping of the car acts which the master could himself do if person-defendants' watchman, and the boat drifted away

will be liable for his acts. The case of Hubbard vs. New York and Erie Railroad Company (15 N. Y. 381), was well decided, and the judgment was properly reversed, for errors of the judge at the Circuit in his instructions to the jury upon the justification for the expulsion of the plaintiff from the cars by reason of his refusal to conform to the regulations of the defendant. Some of the expressions in the opinions of the judges which would exonerate a railroad company from liability for excess of force or error of judgment in the performance of an act by a conductor within his general authority, are open to criticisms as not in harmony with the later authorities, and would not, probably, be regarded as sound, although they are supported by the earlier cases and by the elementary authorities. The Supreme Court of this State, in Wright vs. Wilcox (19 Wend, 343), held, that for willful injury done by a servant, the master was not liable, and adopted the rule of Lord Kenyon that, " when a servant quits sight of the object for which he is employed, and without having in view his master's orders, pursues that which his own malice suggests, he no longer acts in pursuance of the authority given him." The principle is the same, whether the wrongful act of the servant is malicious or merely wanton or reckless.

In the present case an act was done by the conductor completely out of the scope of his authority, which there can be no possible ground warranted by the evidence for supposing the defendant authorized, and which it could never be right under any circumstances for the defendant to do. 1st. The car was in motion, and for no cause could the plaintiff have been thrust out into the street against her will while the car was in motion. The law forbids it, and the defendant could not lawfully have done it and therefore no authority could be implied in the conductor to do it. 2nd. There is no pretence that the conductor ejected or put the plaintiff from the car, or claimed to exercise such power for disorderly conduct, non-payment of fare, or any other cause. 3d. The act was not in aid and assistance of the plaintiff in leaving the car. She was not in the act of getting off the car, but was standing on the platform, demanding that the car should be fully stopped, and protesting as she had a right to do, that she would not attempt to leave the cars while they were in motion. 4th. The act was wanton and reckless, and was committed with great force and violence, such force as to throw the plaintiff clear off and over the step, and on the pavement. It is not in the performance of any duty to the defendant, or of any act authorized by it. It was a criminal act for which the conductor could have been punished eriminally as well as made to respond in a civil action. It was a wanton and willful trespass, and was not the natural or necessary consequence of anything which the defendant had ordered to be

When it was found that the plaintiff's steamboat took fire in the night, while it was fastened to the defendants' wharf, upon which stood a wooden freight house, but before the freight house was endangered, and while the fire could have been

thority for the act of the watchman, other than such as was implied from his general employment as such in the business of the defendants, the latter were held not liable for the act of the watch mau. (The Thames Steamboat Co. vs. Housatonic R. R Co., 24 Conn., 40). The case was well considered, and is well supported by the argument of the judge, as well as by authority, and is in accord with the decisions of the courts of this State and of England. The question of liability upon the facts proved by the plaintiff was distinctly presented upon the trial and decided adversely to the defendants, and an exception taken.

Upon the case made upon the trial by the plaintiff, she should have been non-suited.

The judgment must be reversed, and a new trial granted, costs to abide event.

Judgment reversed.

#### Shenandoah Valley Railroad.

The board of directors of this company met in Front Royal on Friday, the 8th, pursuant to a call from the president, Thomas A. Scott, the object of which, we understand, was to perfect arrangements for working the line of road between Shepherdstown and Hagerstown. A full board was present, and it is reported that work will soon be commenced on that end of the line, thus giving us a through connection to Northern cities. The work through the county of Page, or at least as far as Luray, will be given to contractors early after the 20th instant, thus assuring the friends of this enterprise that they are to have a road. Col. Spitler, one of the directors, has been for several days engaged along the road from Milford to Luray securing the right of way for the road. We understand that some parties were along the line between this place and Milford last week, with a view to becoming bidders for a portion of the work .- Page (Va.) Courier.

#### Our Southern Railroad Connections.

The interruption of the direct railroad connection through Washington, by the tearing up of the track of the Washington and Alexandria Railroad. by order of the board of public works of Wash ington, will not be allowed to work any special inconvenience to the Baltimore and Ohio Railroad and its Southern connections. The whole through business of the Orange and Alexandria road coming to Baltimore, and vice versa, will be passed over the Manassas line from its junction with the main line of the Orange and Alexandria road, and come down the Valley of Virginia, via Strasburg, Winchester and Harper's Ferry, and thence by the Main Stem of the Baltimore and Ohio road, This route has been availed of for some time past for a large traffic between the South and West, saving thus all the detour towards Baltimore, and now this line, mainly under the control of the Baltimore and Ohio Company, will do valuable service for the great through business between Baltimore, and the South, including, of course, that derived from the Virginia and Tennessee road at Lynchburg. The passenger traffic goes on through Washington as usual of both the Baltimore and Potomac and Baltimore and Ohio Railroads .- Balt. Sun.

The survey of the Chatham Branch (Ca.) Railway has been commenced. The Gleaner says that this course has been taken in consideration of the assurances given that the Local Government will give the usual subsidy to the line, and it being also understood that the Dominion Government will assist by giving the rails and rolling

Messrs, R. H. Payson & Co., of Chicago, have the entire contract for the building and equipment of the Cairo and East St. Louis Narrow Gauge Railroad.

ness of the Elizabethtown, Lexington and Big Sandy railroad is becoming such a feature in the railroad line as to attract considerable attention. In the freight department, no less than ten trains daily, loaded with cattle, hogs, and other stock pass through our city, and the passenger traffic has increased nearly two-fold since the new time table went into effect. The Big Sandy is an institution in which our people take great pride, and when the eastern division is completed, giving us an unbroken line of road east, we may then realize some of the benefits which follow an enterprise so great."

The York (Ca.) Press says that the direc tors of the Bachman's Valley Railroad Company have commenced running cars regularly over their road. The road intersects the Hanover railroad about a mile west of Jefferson station, running along the south branch of the Codorus creek to Klineseltersville, through Manheim township, crossing the Manchester and Hanover turnpike, near the village of Manchester, Md., and from thence to Bachman's Valley.

Preparations are making on the Union Pacific railroad for the winter snows. Five hundred men are now employed on the mountain division, of whom 225 are engaged on the snowsheds. One hundred miles of snow-fences have been put up, and several miles of sheds. The level of the track has been raised for fifteen miles or more, and other improvements made, by which it is hoped a blockade this winter will be prevented.

At the annual meeting of the stockholders of the Duxbury and Cohasset Railroad, on the 19th inst., the old board of directors was reelected, with Hon. Onslow Stearns as President, John M. Washburn Treasurer, and S. N. Gifford Clerk.

The Toronto and Nipissing (Ca.) Railway Company have resolved upon a further issue of bonds of the Company to the amount of \$76,000.

Board of Engineers of the Fourth Avenue Improvement.

# Office Grand Central Depot.

#### New York, November 23d, 1872. Notice to Contractors.

EALED PROPOSALS FOR WORK ON THE Fourth Avenue Improvement between 49th and 79th Streats, will be received by the under-signed at this office until 2 o'clock P. M. of December 16, 1872. Plans, Specifications and blank proposals will be ready on and after the 29th inst.

ALLAN CAMPBELL, A. W. CRAVEN, EDW. H. TRACY, J. C. BUCKOUT,

Board of Engineers 4th Avenue Improvement

Baltimork and Drum Point R. R. Co No. 44 Second St., Baltimore, M November 11, 1872.

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The right to reject any bid is reserved.

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By order of the Board.

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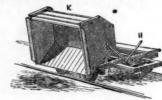


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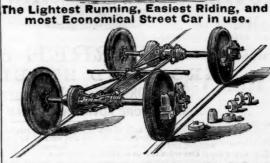
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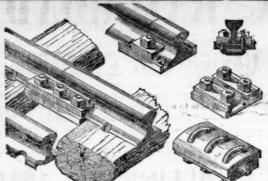
For Steam and Street Roads,

#### ROLLING STOCK & SUPPLIES.

Old Rails Re-Rolled & Exchanged for New.

Special attention paid to the Purchase and Sale ci Railroad and Scrap Iron.

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# FISHER'S PATENT

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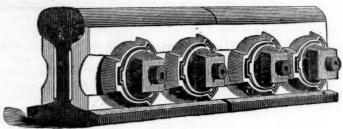
# RAIL JOINTS.

FISHER & NORRIS.

TRENTON, N. J.

The Superiority of these Joints has been proved by eight years' use on different Roads.

# PRATT'S PATENT COMPENSATING FISH-JOINT,



#### VERREE &MITCHELL. IRON AND STEEL MANUFACTURERS, No. 939 North Delaware Avenue, Philadelphia, Penn.

COMBINES MORE ADVANTAGES THAN ANY FISH-JOINT HERETOFORE INTRODUCED.

This Joint is made of two heavy bars of wrought iron, or cast steel, sixteen inches in length, or any other desired length, fitted to the side of the rail and secured by four three-quarter inch bolts, with four malleable cast-iron cups and washers, and a gum ring two inches in diameter and half an inch thick, in each cup.

The value of gum to absorb jarring motion is well known; but when the pressure is as great as that required to secure the ends of railroad rails, some device, or method by which to prevent the gum from being forced out from under the washer, when subjected to increased pressure, is indispensable. The PATENT COMPENSATING FISH-JOINT secures that effect and enables Railroad Managers to apply all the force and pressure desired.

Where this Joint is securely fastened by screwing the nut upon the washer and gum in the cups with a lever three feet in length, it makes a perfectly tight joint, and thus secures what Railroad Managers have long desired—a continuous rail, with sufficient elasticity in the gum to relieve from and compensate for the sudden jar and at the same time allow for expansion and contraction by heat or cold.

We confidently claim for the PATENT COMPENSE ATING FIGH. TOTALL.

We confidently claim for the PATENT COMPENSATING FISH-JOINT

We confidently claim for the PATENT COMPENSATING FISH-JOINT:
That it makes the best and cheapest form of fastening, requiring no plate or chair underneath the foot of the rail.
That it is safe and secure, and prevents the numerous accidents resulting from loose or broken rails.

That this Joint absorbs-the vibratory shock given by the wheels in passing over the ends of rails, and thereby preventing fracture; and we have yet to hear of the first rail having been broken with our Joint on it.
That it can be applied in repairing and relaying with the least trouble and delay.

That the materials are indestructible, and make A PERFECT AND CONTINUOUS RAIL, thus securing what has long been desired, and what all previous experiments have failed to attain.

The Manufacturer can such these logists competed in all their party readure he factored to the mile with directly and the safe and

The Manufacturers can supply these Joints, complete in all their parts, ready to be fastened to the rails with dispatch. Refer to all the Leading Railroads in the Country.

# RAILROAD IRON.

ENGLISH and AMERICAN Railroad Iron for de livery in New York and other markets in the United States and England. For sale by

S. W. HOPKINS & CO., 71 Broadway, New York

#### RAILROAD IRON.

HE undersigned agents for the manufacturers, are pre-pared to contract to deliver best quality American Welsh Rails, and of any required weight and pattern PERKINS LIVINGSTO & POST,

31 New St., cor. of Exchange Place, NEW YORK.

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THE undersigned, agents for the manufacturers are prepared to make CONTRACTS FOR RAILS delivered free on board at ports in England, or exship at ports in the United States.

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Steel Head Rails, Fish Bars, SPIEGEL IRON,

Cast Steel Tyres, Axles, &c. AGENTS FOR

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